



Application Rate charts for OS170 mechanical ground drive spreaders.

Note: Spinner speed adjustment may not be necessary when banding attachment is being used.

APPLICATION RATE -- lbs/ACRE

# 10FT

MACHINE: OS170

TIRE SIZES:

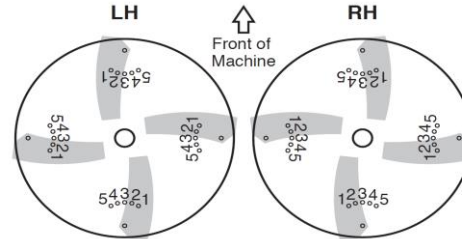
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

270



LOW RANGE

APPLICATION RATE BASED ON 10 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	78	87	95	100	104	107	113	116	121	130	139
	<b>234</b>	<b>260</b>	<b>286</b>	<b>301</b>	<b>312</b>	<b>322</b>	<b>338</b>	<b>348</b>	<b>364</b>	<b>390</b>	<b>416</b>
1"	105	116	128	135	139	144	151	156	163	174	186
	<b>314</b>	<b>349</b>	<b>384</b>	<b>404</b>	<b>418</b>	<b>432</b>	<b>453</b>	<b>467</b>	<b>488</b>	<b>523</b>	<b>558</b>
1 1/2"	149	166	182	192	199	205	215	222	232	248	265
	<b>447</b>	<b>497</b>	<b>546</b>	<b>576</b>	<b>596</b>	<b>616</b>	<b>646</b>	<b>666</b>	<b>695</b>	<b>745</b>	<b>795</b>
2"	199	221	244	257	266	275	288	297	310	332	354
	<b>598</b>	<b>664</b>	<b>731</b>	<b>771</b>	<b>797</b>	<b>824</b>	<b>864</b>	<b>890</b>	<b>930</b>	<b>996</b>	<b>1,063</b>
2 1/2"	249	276	304	320	331	342	359	370	387	414	442
	<b>746</b>	<b>828</b>	<b>911</b>	<b>961</b>	<b>994</b>	<b>1,027</b>	<b>1,077</b>	<b>1,110</b>	<b>1,160</b>	<b>1,243</b>	<b>1,325</b>
3"	293	325	358	378	391	404	423	436	456	488	521
	<b>879</b>	<b>976</b>	<b>1,074</b>	<b>1,133</b>	<b>1,172</b>	<b>1,211</b>	<b>1,269</b>	<b>1,308</b>	<b>1,367</b>	<b>1,465</b>	<b>1,562</b>
3 1/2"	334	371	408	431	446	460	483	498	520	557	594
	<b>1,003</b>	<b>1,114</b>	<b>1,225</b>	<b>1,292</b>	<b>1,337</b>	<b>1,381</b>	<b>1,448</b>	<b>1,493</b>	<b>1,559</b>	<b>1,671</b>	<b>1,782</b>
4"	377	419	460	486	502	519	544	561	586	628	670
	<b>1,130</b>	<b>1,256</b>	<b>1,381</b>	<b>1,457</b>	<b>1,507</b>	<b>1,557</b>	<b>1,632</b>	<b>1,683</b>	<b>1,758</b>	<b>1,883</b>	<b>2,009</b>
4 1/2"	423	470	517	546	564	583	611	630	659	706	753
	<b>1,270</b>	<b>1,411</b>	<b>1,552</b>	<b>1,637</b>	<b>1,693</b>	<b>1,750</b>	<b>1,834</b>	<b>1,891</b>	<b>1,976</b>	<b>2,117</b>	<b>2,258</b>
5"	472	525	577	609	630	651	682	703	735	787	840
	<b>1,417</b>	<b>1,575</b>	<b>1,732</b>	<b>1,827</b>	<b>1,890</b>	<b>1,953</b>	<b>2,047</b>	<b>2,110</b>	<b>2,205</b>	<b>2,362</b>	<b>2,520</b>
5 1/2"	517	575	632	667	690	713	747	770	805	862	920
	<b>1,552</b>	<b>1,725</b>	<b>1,897</b>	<b>2,001</b>	<b>2,070</b>	<b>2,139</b>	<b>2,242</b>	<b>2,311</b>	<b>2,415</b>	<b>2,587</b>	<b>2,760</b>

# APPLICATION RATE -- lbs/ACRE

# 11FT

MACHINE: OS170

TIRE SIZES:

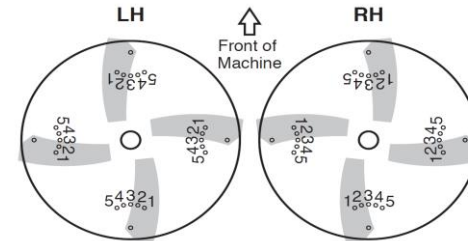
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

285



LOW RANGE

APPLICATION RATE BASED ON 11 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	71	79	87	91	94	98	102	106	110	118	126
	<b>213</b>	<b>236</b>	<b>260</b>	<b>274</b>	<b>283</b>	<b>293</b>	<b>307</b>	<b>317</b>	<b>331</b>	<b>354</b>	<b>378</b>
1"	95	106	116	123	127	131	137	142	148	158	169
	<b>285</b>	<b>317</b>	<b>349</b>	<b>368</b>	<b>380</b>	<b>393</b>	<b>412</b>	<b>425</b>	<b>444</b>	<b>475</b>	<b>507</b>
1 1/2"	135	151	166	175	181	187	196	202	211	226	241
	<b>406</b>	<b>452</b>	<b>497</b>	<b>524</b>	<b>542</b>	<b>560</b>	<b>587</b>	<b>605</b>	<b>632</b>	<b>677</b>	<b>722</b>
2"	181	201	221	233	242	250	262	270	282	302	322
	<b>543</b>	<b>604</b>	<b>664</b>	<b>700</b>	<b>725</b>	<b>749</b>	<b>785</b>	<b>809</b>	<b>845</b>	<b>906</b>	<b>966</b>
2 1/2"	226	251	276	291	301	311	326	336	351	377	402
	<b>678</b>	<b>753</b>	<b>828</b>	<b>874</b>	<b>904</b>	<b>934</b>	<b>979</b>	<b>1,009</b>	<b>1,054</b>	<b>1,130</b>	<b>1,205</b>
3"	266	296	325	343	355	367	385	396	414	444	473
	<b>799</b>	<b>888</b>	<b>976</b>	<b>1,030</b>	<b>1,065</b>	<b>1,101</b>	<b>1,154</b>	<b>1,189</b>	<b>1,243</b>	<b>1,331</b>	<b>1,420</b>
3 1/2"	304	338	371	392	405	419	439	452	473	506	540
	<b>911</b>	<b>1,013</b>	<b>1,114</b>	<b>1,175</b>	<b>1,215</b>	<b>1,256</b>	<b>1,316</b>	<b>1,357</b>	<b>1,418</b>	<b>1,519</b>	<b>1,620</b>
4"	342	380	419	441	457	472	495	510	533	571	609
	<b>1,027</b>	<b>1,141</b>	<b>1,256</b>	<b>1,324</b>	<b>1,370</b>	<b>1,415</b>	<b>1,484</b>	<b>1,530</b>	<b>1,598</b>	<b>1,712</b>	<b>1,826</b>
4 1/2"	385	428	470	496	513	530	556	573	599	641	684
	<b>1,155</b>	<b>1,283</b>	<b>1,411</b>	<b>1,488</b>	<b>1,539</b>	<b>1,591</b>	<b>1,668</b>	<b>1,719</b>	<b>1,796</b>	<b>1,924</b>	<b>2,053</b>
5"	430	477	525	554	573	592	620	640	668	716	764
	<b>1,289</b>	<b>1,432</b>	<b>1,575</b>	<b>1,661</b>	<b>1,718</b>	<b>1,775</b>	<b>1,861</b>	<b>1,919</b>	<b>2,005</b>	<b>2,148</b>	<b>2,291</b>
5 1/2"	470	523	575	606	627	648	679	700	732	784	836
	<b>1,411</b>	<b>1,568</b>	<b>1,725</b>	<b>1,819</b>	<b>1,882</b>	<b>1,944</b>	<b>2,038</b>	<b>2,101</b>	<b>2,195</b>	<b>2,352</b>	<b>2,509</b>

APPLICATION RATE -- lbs/ACRE

# 12 FT

MACHINE: OS170

TIRE SIZES:

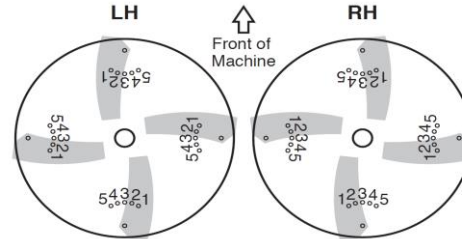
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

300



LOW RANGE

APPLICATION RATE BASED ON 12 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	65	72	79	84	87	90	94	97	101	108	115
	<b>195</b>	<b>217</b>	<b>238</b>	<b>251</b>	<b>260</b>	<b>269</b>	<b>282</b>	<b>290</b>	<b>303</b>	<b>325</b>	<b>346</b>
1"	87	97	107	112	116	120	126	130	136	145	155
	<b>261</b>	<b>291</b>	<b>320</b>	<b>337</b>	<b>349</b>	<b>360</b>	<b>378</b>	<b>389</b>	<b>407</b>	<b>436</b>	<b>465</b>
1 1/2"	124	138	152	160	166	171	179	185	193	207	221
	<b>373</b>	<b>414</b>	<b>455</b>	<b>480</b>	<b>497</b>	<b>513</b>	<b>538</b>	<b>555</b>	<b>579</b>	<b>621</b>	<b>662</b>
2"	166	185	203	214	221	229	240	247	258	277	295
	<b>498</b>	<b>554</b>	<b>609</b>	<b>642</b>	<b>664</b>	<b>686</b>	<b>720</b>	<b>742</b>	<b>775</b>	<b>830</b>	<b>886</b>
2 1/2"	207	230	253	267	276	285	299	308	322	345	368
	<b>621</b>	<b>690</b>	<b>759</b>	<b>801</b>	<b>828</b>	<b>856</b>	<b>897</b>	<b>925</b>	<b>966</b>	<b>1,035</b>	<b>1,105</b>
3"	244	271	298	315	325	336	353	363	380	407	434
	<b>732</b>	<b>814</b>	<b>895</b>	<b>944</b>	<b>976</b>	<b>1,009</b>	<b>1,058</b>	<b>1,090</b>	<b>1,139</b>	<b>1,220</b>	<b>1,302</b>
3 1/2"	278	309	340	359	371	384	402	415	433	464	495
	<b>835</b>	<b>928</b>	<b>1,021</b>	<b>1,077</b>	<b>1,114</b>	<b>1,151</b>	<b>1,207</b>	<b>1,244</b>	<b>1,300</b>	<b>1,392</b>	<b>1,485</b>
4"	314	349	384	405	419	433	453	467	488	523	558
	<b>942</b>	<b>1,046</b>	<b>1,151</b>	<b>1,214</b>	<b>1,256</b>	<b>1,298</b>	<b>1,360</b>	<b>1,402</b>	<b>1,465</b>	<b>1,570</b>	<b>1,674</b>
4 1/2"	353	392	431	455	470	486	510	525	549	588	627
	<b>1,058</b>	<b>1,176</b>	<b>1,294</b>	<b>1,364</b>	<b>1,411</b>	<b>1,458</b>	<b>1,529</b>	<b>1,576</b>	<b>1,646</b>	<b>1,764</b>	<b>1,881</b>
5"	394	437	481	507	525	542	569	586	612	656	700
	<b>1,181</b>	<b>1,312</b>	<b>1,444</b>	<b>1,522</b>	<b>1,575</b>	<b>1,627</b>	<b>1,706</b>	<b>1,759</b>	<b>1,837</b>	<b>1,969</b>	<b>2,100</b>
5 1/2"	431	479	527	556	575	594	623	642	671	719	767
	<b>1,294</b>	<b>1,437</b>	<b>1,581</b>	<b>1,667</b>	<b>1,725</b>	<b>1,782</b>	<b>1,868</b>	<b>1,926</b>	<b>2,012</b>	<b>2,156</b>	<b>2,300</b>

APPLICATION RATE -- lbs/ACRE

# 13 FT

MACHINE: OS170

TIRE SIZES:

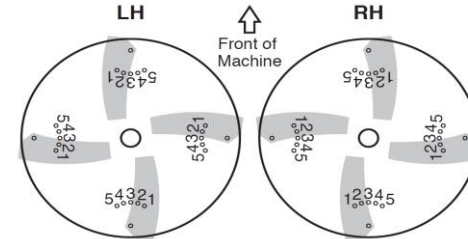
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

315



LOW RANGE

APPLICATION RATE BASED ON 13 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	60	67	73	77	80	83	87	89	93	100	107
	<b>180</b>	<b>200</b>	<b>220</b>	<b>232</b>	<b>240</b>	<b>248</b>	<b>260</b>	<b>268</b>	<b>280</b>	<b>300</b>	<b>320</b>
1"	80	89	98	104	107	111	116	120	125	134	143
	<b>241</b>	<b>268</b>	<b>295</b>	<b>311</b>	<b>322</b>	<b>333</b>	<b>349</b>	<b>359</b>	<b>375</b>	<b>402</b>	<b>429</b>
1 1/2"	115	127	140	148	153	158	166	171	178	191	204
	<b>344</b>	<b>382</b>	<b>420</b>	<b>443</b>	<b>458</b>	<b>474</b>	<b>497</b>	<b>512</b>	<b>535</b>	<b>573</b>	<b>611</b>
2"	153	170	187	198	204	211	221	228	238	255	273
	<b>460</b>	<b>511</b>	<b>562</b>	<b>593</b>	<b>613</b>	<b>634</b>	<b>664</b>	<b>685</b>	<b>715</b>	<b>766</b>	<b>818</b>
2 1/2"	191	212	234	246	255	263	276	285	297	319	340
	<b>573</b>	<b>637</b>	<b>701</b>	<b>739</b>	<b>765</b>	<b>790</b>	<b>828</b>	<b>854</b>	<b>892</b>	<b>956</b>	<b>1,020</b>
3"	225	250	275	290	300	310	325	335	350	376	401
	<b>676</b>	<b>751</b>	<b>826</b>	<b>871</b>	<b>901</b>	<b>931</b>	<b>976</b>	<b>1,006</b>	<b>1,051</b>	<b>1,127</b>	<b>1,202</b>
3 1/2"	257	286	314	331	343	354	371	383	400	428	457
	<b>771</b>	<b>857</b>	<b>943</b>	<b>994</b>	<b>1,028</b>	<b>1,062</b>	<b>1,114</b>	<b>1,148</b>	<b>1,200</b>	<b>1,285</b>	<b>1,371</b>
4"	290	322	354	373	386	399	419	431	451	483	515
	<b>869</b>	<b>966</b>	<b>1,062</b>	<b>1,120</b>	<b>1,159</b>	<b>1,198</b>	<b>1,256</b>	<b>1,294</b>	<b>1,352</b>	<b>1,449</b>	<b>1,545</b>
4 1/2"	326	362	398	420	434	449	470	485	507	543	579
	<b>977</b>	<b>1,085</b>	<b>1,194</b>	<b>1,259</b>	<b>1,303</b>	<b>1,346</b>	<b>1,411</b>	<b>1,455</b>	<b>1,520</b>	<b>1,628</b>	<b>1,737</b>
5"	363	404	444	468	485	501	525	541	565	606	646
	<b>1,090</b>	<b>1,212</b>	<b>1,333</b>	<b>1,405</b>	<b>1,454</b>	<b>1,502</b>	<b>1,575</b>	<b>1,623</b>	<b>1,696</b>	<b>1,817</b>	<b>1,938</b>
5 1/2"	398	442	486	513	531	548	575	593	619	663	708
	<b>1,194</b>	<b>1,327</b>	<b>1,459</b>	<b>1,539</b>	<b>1,592</b>	<b>1,645</b>	<b>1,725</b>	<b>1,778</b>	<b>1,857</b>	<b>1,990</b>	<b>2,123</b>

APPLICATION RATE -- lbs/ACRE

# 14FT

MACHINE: OS170

TIRE SIZES:

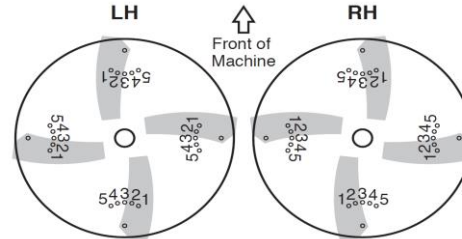
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

330



LOW RANGE

APPLICATION RATE BASED ON 14 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	56	62	68	72	74	77	80	83	87	93	99
	<b>167</b>	<b>186</b>	<b>204</b>	<b>215</b>	<b>223</b>	<b>230</b>	<b>241</b>	<b>249</b>	<b>260</b>	<b>278</b>	<b>297</b>
1"	75	83	91	96	100	103	108	111	116	125	133
	<b>224</b>	<b>249</b>	<b>274</b>	<b>289</b>	<b>299</b>	<b>309</b>	<b>324</b>	<b>334</b>	<b>349</b>	<b>374</b>	<b>398</b>
1 1/2"	106	118	130	137	142	147	154	158	166	177	189
	<b>319</b>	<b>355</b>	<b>390</b>	<b>412</b>	<b>426</b>	<b>440</b>	<b>461</b>	<b>475</b>	<b>497</b>	<b>532</b>	<b>568</b>
2"	142	158	174	183	190	196	206	212	221	237	253
	<b>427</b>	<b>474</b>	<b>522</b>	<b>550</b>	<b>569</b>	<b>588</b>	<b>617</b>	<b>636</b>	<b>664</b>	<b>712</b>	<b>759</b>
2 1/2"	178	197	217	229	237	245	256	264	276	296	316
	<b>533</b>	<b>592</b>	<b>651</b>	<b>686</b>	<b>710</b>	<b>734</b>	<b>769</b>	<b>793</b>	<b>828</b>	<b>888</b>	<b>947</b>
3"	209	232	256	270	279	288	302	312	325	349	372
	<b>628</b>	<b>697</b>	<b>767</b>	<b>809</b>	<b>837</b>	<b>865</b>	<b>907</b>	<b>935</b>	<b>976</b>	<b>1,046</b>	<b>1,116</b>
3 1/2"	239	265	292	308	318	329	345	355	371	398	424
	<b>716</b>	<b>796</b>	<b>875</b>	<b>923</b>	<b>955</b>	<b>987</b>	<b>1,034</b>	<b>1,066</b>	<b>1,114</b>	<b>1,193</b>	<b>1,273</b>
4"	269	299	329	347	359	371	389	401	419	448	478
	<b>807</b>	<b>897</b>	<b>987</b>	<b>1,040</b>	<b>1,076</b>	<b>1,112</b>	<b>1,166</b>	<b>1,202</b>	<b>1,256</b>	<b>1,345</b>	<b>1,435</b>
4 1/2"	302	336	370	390	403	417	437	450	470	504	538
	<b>907</b>	<b>1,008</b>	<b>1,109</b>	<b>1,169</b>	<b>1,210</b>	<b>1,250</b>	<b>1,310</b>	<b>1,351</b>	<b>1,411</b>	<b>1,512</b>	<b>1,613</b>
5"	337	375	412	435	450	465	487	502	525	562	600
	<b>1,012</b>	<b>1,125</b>	<b>1,237</b>	<b>1,305</b>	<b>1,350</b>	<b>1,395</b>	<b>1,462</b>	<b>1,507</b>	<b>1,575</b>	<b>1,687</b>	<b>1,800</b>
5 1/2"	370	411	452	476	493	509	534	550	575	616	657
	<b>1,109</b>	<b>1,232</b>	<b>1,355</b>	<b>1,429</b>	<b>1,478</b>	<b>1,528</b>	<b>1,602</b>	<b>1,651</b>	<b>1,725</b>	<b>1,848</b>	<b>1,971</b>

APPLICATION RATE -- lbs/ACRE

# 15 FT

MACHINE: OS170

TIRE SIZES:

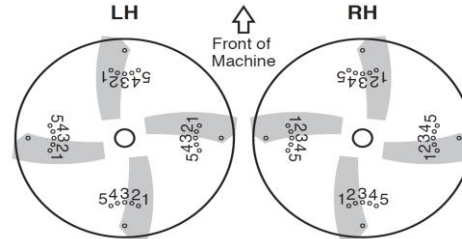
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

345



LOW RANGE

APPLICATION RATE BASED ON 15 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft3										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	52	58	64	67	69	72	75	77	81	87	92
	<b>156</b>	<b>173</b>	<b>191</b>	<b>201</b>	<b>208</b>	<b>215</b>	<b>225</b>	<b>232</b>	<b>243</b>	<b>260</b>	<b>277</b>
1"	70	77	85	90	93	96	101	104	108	116	124
	<b>209</b>	<b>232</b>	<b>256</b>	<b>270</b>	<b>279</b>	<b>288</b>	<b>302</b>	<b>311</b>	<b>325</b>	<b>349</b>	<b>372</b>
1 1/2"	99	110	121	128	132	137	143	148	155	166	177
	<b>298</b>	<b>331</b>	<b>364</b>	<b>384</b>	<b>397</b>	<b>411</b>	<b>430</b>	<b>444</b>	<b>464</b>	<b>497</b>	<b>530</b>
2"	133	148	162	171	177	183	192	198	207	221	236
	<b>399</b>	<b>443</b>	<b>487</b>	<b>514</b>	<b>531</b>	<b>549</b>	<b>576</b>	<b>593</b>	<b>620</b>	<b>664</b>	<b>709</b>
2 1/2"	166	184	202	214	221	228	239	247	258	276	295
	<b>497</b>	<b>552</b>	<b>607</b>	<b>641</b>	<b>663</b>	<b>685</b>	<b>718</b>	<b>740</b>	<b>773</b>	<b>828</b>	<b>884</b>
3"	195	217	239	252	260	269	282	291	304	325	347
	<b>586</b>	<b>651</b>	<b>716</b>	<b>755</b>	<b>781</b>	<b>807</b>	<b>846</b>	<b>872</b>	<b>911</b>	<b>976</b>	<b>1,041</b>
3 1/2"	223	248	272	287	297	307	322	332	347	371	396
	<b>668</b>	<b>743</b>	<b>817</b>	<b>861</b>	<b>891</b>	<b>921</b>	<b>965</b>	<b>995</b>	<b>1,040</b>	<b>1,114</b>	<b>1,188</b>
4"	251	279	307	324	335	346	363	374	391	419	446
	<b>753</b>	<b>837</b>	<b>921</b>	<b>971</b>	<b>1,005</b>	<b>1,038</b>	<b>1,088</b>	<b>1,122</b>	<b>1,172</b>	<b>1,256</b>	<b>1,339</b>
4 1/2"	282	314	345	364	376	389	408	420	439	470	502
	<b>847</b>	<b>941</b>	<b>1,035</b>	<b>1,091</b>	<b>1,129</b>	<b>1,167</b>	<b>1,223</b>	<b>1,261</b>	<b>1,317</b>	<b>1,411</b>	<b>1,505</b>
5"	315	350	385	406	420	434	455	469	490	525	560
	<b>945</b>	<b>1,050</b>	<b>1,155</b>	<b>1,218</b>	<b>1,260</b>	<b>1,302</b>	<b>1,365</b>	<b>1,407</b>	<b>1,470</b>	<b>1,575</b>	<b>1,680</b>
5 1/2"	345	383	422	445	460	475	498	514	537	575	613
	<b>1,035</b>	<b>1,150</b>	<b>1,265</b>	<b>1,334</b>	<b>1,380</b>	<b>1,426</b>	<b>1,495</b>	<b>1,541</b>	<b>1,610</b>	<b>1,725</b>	<b>1,840</b>

APPLICATION RATE -- lbs/ACRE

# 16 FT

MACHINE: OS170

TIRE SIZES:

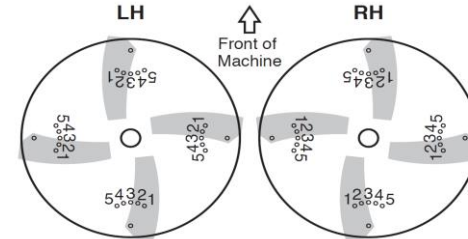
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

360



LOW RANGE

APPLICATION RATE BASED ON 16 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	49	54	60	63	65	67	70	73	76	81	87
	<b>146</b>	<b>162</b>	<b>179</b>	<b>188</b>	<b>195</b>	<b>201</b>	<b>211</b>	<b>218</b>	<b>227</b>	<b>244</b>	<b>260</b>
1"	65	73	80	84	87	90	94	97	102	109	116
	<b>196</b>	<b>218</b>	<b>240</b>	<b>253</b>	<b>261</b>	<b>270</b>	<b>283</b>	<b>292</b>	<b>305</b>	<b>327</b>	<b>349</b>
1 1/2"	93	103	114	120	124	128	135	139	145	155	166
	<b>279</b>	<b>310</b>	<b>341</b>	<b>360</b>	<b>373</b>	<b>385</b>	<b>404</b>	<b>416</b>	<b>435</b>	<b>466</b>	<b>497</b>
2"	125	138	152	161	166	172	180	185	194	208	221
	<b>374</b>	<b>415</b>	<b>457</b>	<b>482</b>	<b>498</b>	<b>515</b>	<b>540</b>	<b>556</b>	<b>581</b>	<b>623</b>	<b>664</b>
2 1/2"	155	173	190	200	207	214	224	231	242	259	276
	<b>466</b>	<b>518</b>	<b>570</b>	<b>601</b>	<b>621</b>	<b>642</b>	<b>673</b>	<b>694</b>	<b>725</b>	<b>777</b>	<b>828</b>
3"	183	203	224	236	244	252	264	273	285	305	325
	<b>549</b>	<b>610</b>	<b>671</b>	<b>708</b>	<b>732</b>	<b>757</b>	<b>793</b>	<b>818</b>	<b>854</b>	<b>915</b>	<b>976</b>
3 1/2"	209	232	255	269	278	288	302	311	325	348	371
	<b>627</b>	<b>696</b>	<b>766</b>	<b>808</b>	<b>835</b>	<b>863</b>	<b>905</b>	<b>933</b>	<b>975</b>	<b>1,044</b>	<b>1,114</b>
4"	235	262	288	303	314	324	340	351	366	392	419
	<b>706</b>	<b>785</b>	<b>863</b>	<b>910</b>	<b>942</b>	<b>973</b>	<b>1,020</b>	<b>1,052</b>	<b>1,099</b>	<b>1,177</b>	<b>1,256</b>
4 1/2"	265	294	323	341	353	365	382	394	412	441	470
	<b>794</b>	<b>882</b>	<b>970</b>	<b>1,023</b>	<b>1,058</b>	<b>1,094</b>	<b>1,147</b>	<b>1,182</b>	<b>1,235</b>	<b>1,323</b>	<b>1,411</b>
5"	295	328	361	381	394	407	427	440	459	492	525
	<b>886</b>	<b>984</b>	<b>1,083</b>	<b>1,142</b>	<b>1,181</b>	<b>1,221</b>	<b>1,280</b>	<b>1,319</b>	<b>1,378</b>	<b>1,477</b>	<b>1,575</b>
5 1/2"	323	359	395	417	431	446	467	481	503	539	575
	<b>970</b>	<b>1,078</b>	<b>1,186</b>	<b>1,250</b>	<b>1,294</b>	<b>1,337</b>	<b>1,401</b>	<b>1,444</b>	<b>1,509</b>	<b>1,617</b>	<b>1,725</b>



APPLICATION RATE -- lbs/ACRE

# 17 FT

MACHINE: OS170

TIRE SIZES:

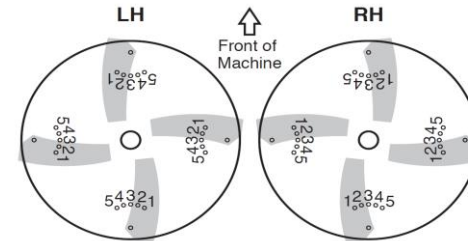
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

375



LOW RANGE

APPLICATION RATE BASED ON 17 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	46	51	56	59	61	63	66	68	71	76	82
	<b>138</b>	<b>153</b>	<b>168</b>	<b>177</b>	<b>183</b>	<b>190</b>	<b>199</b>	<b>205</b>	<b>214</b>	<b>229</b>	<b>245</b>
1"	62	68	75	79	82	85	89	92	96	103	109
	<b>185</b>	<b>205</b>	<b>226</b>	<b>238</b>	<b>246</b>	<b>254</b>	<b>267</b>	<b>275</b>	<b>287</b>	<b>308</b>	<b>328</b>
1 1/2"	88	97	107	113	117	121	127	131	136	146	156
	<b>263</b>	<b>292</b>	<b>321</b>	<b>339</b>	<b>351</b>	<b>362</b>	<b>380</b>	<b>392</b>	<b>409</b>	<b>438</b>	<b>467</b>
2"	117	130	143	151	156	162	169	175	182	195	208
	<b>352</b>	<b>391</b>	<b>430</b>	<b>453</b>	<b>469</b>	<b>485</b>	<b>508</b>	<b>524</b>	<b>547</b>	<b>586</b>	<b>625</b>
2 1/2"	146	162	179	188	195	201	211	218	227	244	260
	<b>439</b>	<b>487</b>	<b>536</b>	<b>565</b>	<b>585</b>	<b>604</b>	<b>633</b>	<b>653</b>	<b>682</b>	<b>731</b>	<b>780</b>
3"	172	191	211	222	230	237	249	257	268	287	306
	<b>517</b>	<b>574</b>	<b>632</b>	<b>666</b>	<b>689</b>	<b>712</b>	<b>747</b>	<b>770</b>	<b>804</b>	<b>861</b>	<b>919</b>
3 1/2"	197	218	240	253	262	271	284	293	306	328	349
	<b>590</b>	<b>655</b>	<b>721</b>	<b>760</b>	<b>786</b>	<b>812</b>	<b>852</b>	<b>878</b>	<b>917</b>	<b>983</b>	<b>1,048</b>
4"	222	246	271	286	295	305	320	330	345	369	394
	<b>665</b>	<b>739</b>	<b>812</b>	<b>857</b>	<b>886</b>	<b>916</b>	<b>960</b>	<b>990</b>	<b>1,034</b>	<b>1,108</b>	<b>1,182</b>
4 1/2"	249	277	304	321	332	343	360	371	387	415	443
	<b>747</b>	<b>830</b>	<b>913</b>	<b>963</b>	<b>996</b>	<b>1,029</b>	<b>1,079</b>	<b>1,112</b>	<b>1,162</b>	<b>1,245</b>	<b>1,328</b>
5"	278	309	340	358	371	383	401	414	432	463	494
	<b>834</b>	<b>926</b>	<b>1,019</b>	<b>1,075</b>	<b>1,112</b>	<b>1,149</b>	<b>1,204</b>	<b>1,241</b>	<b>1,297</b>	<b>1,390</b>	<b>1,482</b>
5 1/2"	304	338	372	392	406	419	440	453	473	507	541
	<b>913</b>	<b>1,015</b>	<b>1,116</b>	<b>1,177</b>	<b>1,217</b>	<b>1,258</b>	<b>1,319</b>	<b>1,360</b>	<b>1,420</b>	<b>1,522</b>	<b>1,623</b>

APPLICATION RATE -- lbs/ACRE

# 18FT

MACHINE: OS170

TIRE SIZES:

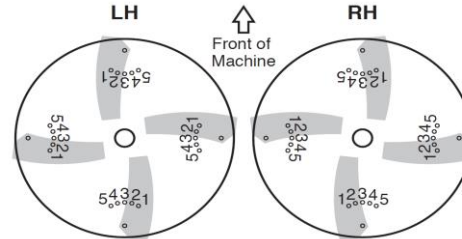
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

390



LOW RANGE

APPLICATION RATE BASED ON 18 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	43	48	53	56	58	60	63	64	67	72	77
	<b>130</b>	<b>144</b>	<b>159</b>	<b>167</b>	<b>173</b>	<b>179</b>	<b>188</b>	<b>193</b>	<b>202</b>	<b>217</b>	<b>231</b>
1"	58	65	71	75	77	80	84	87	90	97	103
	<b>174</b>	<b>194</b>	<b>213</b>	<b>225</b>	<b>232</b>	<b>240</b>	<b>252</b>	<b>260</b>	<b>271</b>	<b>291</b>	<b>310</b>
1 1/2"	83	92	101	107	110	114	120	123	129	138	147
	<b>248</b>	<b>276</b>	<b>304</b>	<b>320</b>	<b>331</b>	<b>342</b>	<b>359</b>	<b>370</b>	<b>386</b>	<b>414</b>	<b>442</b>
2"	111	123	135	143	148	153	160	165	172	185	197
	<b>332</b>	<b>369</b>	<b>406</b>	<b>428</b>	<b>443</b>	<b>458</b>	<b>480</b>	<b>495</b>	<b>517</b>	<b>554</b>	<b>590</b>
2 1/2"	138	153	169	178	184	190	199	206	215	230	245
	<b>414</b>	<b>460</b>	<b>506</b>	<b>534</b>	<b>552</b>	<b>571</b>	<b>598</b>	<b>617</b>	<b>644</b>	<b>690</b>	<b>736</b>
3"	163	181	199	210	217	224	235	242	253	271	289
	<b>488</b>	<b>542</b>	<b>597</b>	<b>629</b>	<b>651</b>	<b>673</b>	<b>705</b>	<b>727</b>	<b>759</b>	<b>814</b>	<b>868</b>
3 1/2"	186	206	227	239	248	256	268	276	289	309	330
	<b>557</b>	<b>619</b>	<b>681</b>	<b>718</b>	<b>743</b>	<b>767</b>	<b>804</b>	<b>829</b>	<b>866</b>	<b>928</b>	<b>990</b>
4"	209	233	256	270	279	288	302	312	326	349	372
	<b>628</b>	<b>698</b>	<b>767</b>	<b>809</b>	<b>837</b>	<b>865</b>	<b>907</b>	<b>935</b>	<b>977</b>	<b>1,046</b>	<b>1,116</b>
4 1/2"	235	261	287	303	314	324	340	350	366	392	418
	<b>706</b>	<b>784</b>	<b>862</b>	<b>909</b>	<b>941</b>	<b>972</b>	<b>1,019</b>	<b>1,050</b>	<b>1,098</b>	<b>1,176</b>	<b>1,254</b>
5"	262	292	321	338	350	362	379	391	408	437	467
	<b>787</b>	<b>875</b>	<b>962</b>	<b>1,015</b>	<b>1,050</b>	<b>1,085</b>	<b>1,137</b>	<b>1,172</b>	<b>1,225</b>	<b>1,312</b>	<b>1,400</b>
5 1/2"	287	319	351	371	383	396	415	428	447	479	511
	<b>862</b>	<b>958</b>	<b>1,054</b>	<b>1,112</b>	<b>1,150</b>	<b>1,188</b>	<b>1,246</b>	<b>1,284</b>	<b>1,341</b>	<b>1,437</b>	<b>1,533</b>

APPLICATION RATE -- lbs/ACRE

# 19 FT

MACHINE: OS170

TIRE SIZES:

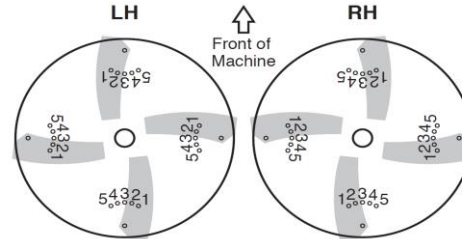
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

405



LOW RANGE

APPLICATION RATE BASED ON 19 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft3										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	41	46	50	53	55	57	59	61	64	68	73
	<b>123</b>	<b>137</b>	<b>150</b>	<b>159</b>	<b>164</b>	<b>170</b>	<b>178</b>	<b>183</b>	<b>191</b>	<b>205</b>	<b>219</b>
1"	55	61	67	71	73	76	80	82	86	92	98
	<b>165</b>	<b>184</b>	<b>202</b>	<b>213</b>	<b>220</b>	<b>228</b>	<b>239</b>	<b>246</b>	<b>257</b>	<b>275</b>	<b>294</b>
1 1/2"	78	87	96	101	105	108	113	117	122	131	139
	<b>235</b>	<b>261</b>	<b>288</b>	<b>303</b>	<b>314</b>	<b>324</b>	<b>340</b>	<b>350</b>	<b>366</b>	<b>392</b>	<b>418</b>
2"	105	117	128	135	140	145	151	156	163	175	186
	<b>315</b>	<b>350</b>	<b>385</b>	<b>406</b>	<b>420</b>	<b>434</b>	<b>454</b>	<b>468</b>	<b>489</b>	<b>524</b>	<b>559</b>
2 1/2"	131	145	160	169	174	180	189	195	203	218	233
	<b>392</b>	<b>436</b>	<b>480</b>	<b>506</b>	<b>523</b>	<b>541</b>	<b>567</b>	<b>584</b>	<b>610</b>	<b>654</b>	<b>698</b>
3"	154	171	188	199	206	212	223	230	240	257	274
	<b>462</b>	<b>514</b>	<b>565</b>	<b>596</b>	<b>617</b>	<b>637</b>	<b>668</b>	<b>689</b>	<b>719</b>	<b>771</b>	<b>822</b>
3 1/2"	176	195	215	227	235	242	254	262	274	293	313
	<b>528</b>	<b>586</b>	<b>645</b>	<b>680</b>	<b>704</b>	<b>727</b>	<b>762</b>	<b>786</b>	<b>821</b>	<b>879</b>	<b>938</b>
4"	198	220	242	256	264	273	286	295	308	330	352
	<b>595</b>	<b>661</b>	<b>727</b>	<b>767</b>	<b>793</b>	<b>819</b>	<b>859</b>	<b>886</b>	<b>925</b>	<b>991</b>	<b>1,057</b>
4 1/2"	223	248	272	287	297	307	322	332	347	371	396
	<b>668</b>	<b>743</b>	<b>817</b>	<b>862</b>	<b>891</b>	<b>921</b>	<b>965</b>	<b>995</b>	<b>1,040</b>	<b>1,114</b>	<b>1,188</b>
5"	249	276	304	321	332	343	359	370	387	414	442
	<b>746</b>	<b>829</b>	<b>912</b>	<b>962</b>	<b>995</b>	<b>1,028</b>	<b>1,078</b>	<b>1,111</b>	<b>1,161</b>	<b>1,243</b>	<b>1,326</b>
5 1/2"	272	303	333	351	363	375	393	405	424	454	484
	<b>817</b>	<b>908</b>	<b>999</b>	<b>1,053</b>	<b>1,089</b>	<b>1,126</b>	<b>1,180</b>	<b>1,216</b>	<b>1,271</b>	<b>1,362</b>	<b>1,452</b>

APPLICATION RATE -- lbs/ACRE

# 20FT

MACHINE: OS170

TIRE SIZES:

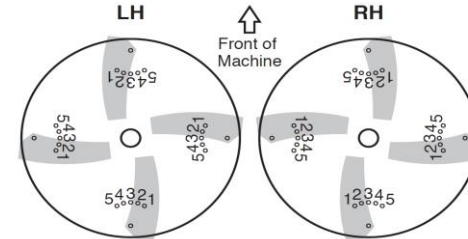
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

420



LOW RANGE

APPLICATION RATE BASED ON 20 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	39	43	48	50	52	54	56	58	61	65	69
	<b>117</b>	<b>130</b>	<b>143</b>	<b>151</b>	<b>156</b>	<b>161</b>	<b>169</b>	<b>174</b>	<b>182</b>	<b>195</b>	<b>208</b>
1"	52	58	64	67	70	72	76	78	81	87	93
	<b>157</b>	<b>174</b>	<b>192</b>	<b>202</b>	<b>209</b>	<b>216</b>	<b>227</b>	<b>234</b>	<b>244</b>	<b>261</b>	<b>279</b>
1 1/2"	75	83	91	96	99	103	108	111	116	124	132
	<b>224</b>	<b>248</b>	<b>273</b>	<b>288</b>	<b>298</b>	<b>308</b>	<b>323</b>	<b>333</b>	<b>348</b>	<b>373</b>	<b>397</b>
2"	100	111	122	128	133	137	144	148	155	166	177
	<b>299</b>	<b>332</b>	<b>365</b>	<b>385</b>	<b>399</b>	<b>412</b>	<b>432</b>	<b>445</b>	<b>465</b>	<b>498</b>	<b>531</b>
2 1/2"	124	138	152	160	166	171	179	185	193	207	221
	<b>373</b>	<b>414</b>	<b>456</b>	<b>480</b>	<b>497</b>	<b>514</b>	<b>538</b>	<b>555</b>	<b>580</b>	<b>621</b>	<b>663</b>
3"	146	163	179	189	195	202	212	218	228	244	260
	<b>439</b>	<b>488</b>	<b>537</b>	<b>566</b>	<b>586</b>	<b>605</b>	<b>635</b>	<b>654</b>	<b>683</b>	<b>732</b>	<b>781</b>
3 1/2"	167	186	204	215	223	230	241	249	260	278	297
	<b>501</b>	<b>557</b>	<b>613</b>	<b>646</b>	<b>668</b>	<b>691</b>	<b>724</b>	<b>746</b>	<b>780</b>	<b>835</b>	<b>891</b>
4"	188	209	230	243	251	260	272	280	293	314	335
	<b>565</b>	<b>628</b>	<b>691</b>	<b>728</b>	<b>753</b>	<b>779</b>	<b>816</b>	<b>841</b>	<b>879</b>	<b>942</b>	<b>1,005</b>
4 1/2"	212	235	259	273	282	292	306	315	329	353	376
	<b>635</b>	<b>706</b>	<b>776</b>	<b>818</b>	<b>847</b>	<b>875</b>	<b>917</b>	<b>945</b>	<b>988</b>	<b>1,058</b>	<b>1,129</b>
5"	236	262	289	304	315	325	341	352	367	394	420
	<b>709</b>	<b>787</b>	<b>866</b>	<b>913</b>	<b>945</b>	<b>976</b>	<b>1,024</b>	<b>1,055</b>	<b>1,102</b>	<b>1,181</b>	<b>1,260</b>
5 1/2"	259	287	316	333	345	356	374	385	402	431	460
	<b>776</b>	<b>862</b>	<b>949</b>	<b>1,000</b>	<b>1,035</b>	<b>1,069</b>	<b>1,121</b>	<b>1,156</b>	<b>1,207</b>	<b>1,294</b>	<b>1,380</b>

APPLICATION RATE -- lbs/ACRE

# 21FT

MACHINE: OS170

TIRE SIZES:

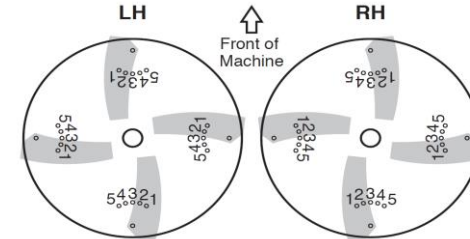
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

435



LOW RANGE

APPLICATION RATE BASED ON 21 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft3										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	37	41	45	48	49	51	54	55	58	62	66
	<b>111</b>	<b>124</b>	<b>136</b>	<b>144</b>	<b>148</b>	<b>153</b>	<b>161</b>	<b>166</b>	<b>173</b>	<b>186</b>	<b>198</b>
1"	50	55	61	64	66	69	72	74	77	83	89
	<b>149</b>	<b>166</b>	<b>183</b>	<b>193</b>	<b>199</b>	<b>206</b>	<b>216</b>	<b>222</b>	<b>232</b>	<b>249</b>	<b>266</b>
1 1/2"	71	79	87	91	95	98	102	106	110	118	126
	<b>213</b>	<b>237</b>	<b>260</b>	<b>274</b>	<b>284</b>	<b>293</b>	<b>307</b>	<b>317</b>	<b>331</b>	<b>355</b>	<b>378</b>
2"	95	105	116	122	127	131	137	141	148	158	169
	<b>285</b>	<b>316</b>	<b>348</b>	<b>367</b>	<b>380</b>	<b>392</b>	<b>411</b>	<b>424</b>	<b>443</b>	<b>474</b>	<b>506</b>
2 1/2"	118	131	145	153	158	163	171	176	184	197	210
	<b>355</b>	<b>394</b>	<b>434</b>	<b>458</b>	<b>473</b>	<b>489</b>	<b>513</b>	<b>529</b>	<b>552</b>	<b>592</b>	<b>631</b>
3"	139	155	170	180	186	192	201	208	217	232	248
	<b>418</b>	<b>465</b>	<b>511</b>	<b>539</b>	<b>558</b>	<b>577</b>	<b>604</b>	<b>623</b>	<b>651</b>	<b>697</b>	<b>744</b>
3 1/2"	159	177	194	205	212	219	230	237	248	265	283
	<b>477</b>	<b>530</b>	<b>583</b>	<b>615</b>	<b>637</b>	<b>658</b>	<b>690</b>	<b>711</b>	<b>743</b>	<b>796</b>	<b>849</b>
4"	179	199	219	231	239	247	259	267	279	299	319
	<b>538</b>	<b>598</b>	<b>658</b>	<b>694</b>	<b>718</b>	<b>741</b>	<b>777</b>	<b>801</b>	<b>837</b>	<b>897</b>	<b>957</b>
4 1/2"	202	224	246	260	269	278	291	300	314	336	358
	<b>605</b>	<b>672</b>	<b>739</b>	<b>779</b>	<b>806</b>	<b>833</b>	<b>874</b>	<b>900</b>	<b>941</b>	<b>1,008</b>	<b>1,075</b>
5"	225	250	275	290	300	310	325	335	350	375	400
	<b>675</b>	<b>750</b>	<b>825</b>	<b>870</b>	<b>900</b>	<b>930</b>	<b>975</b>	<b>1,005</b>	<b>1,050</b>	<b>1,125</b>	<b>1,200</b>
5 1/2"	246	274	301	318	329	339	356	367	383	411	438
	<b>739</b>	<b>821</b>	<b>903</b>	<b>953</b>	<b>986</b>	<b>1,018</b>	<b>1,068</b>	<b>1,101</b>	<b>1,150</b>	<b>1,232</b>	<b>1,314</b>

APPLICATION RATE -- lbs/ACRE

# 22 FT

MACHINE: OS170

TIRE SIZES:

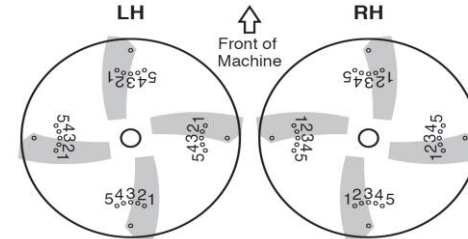
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

450



LOW RANGE

APPLICATION RATE BASED ON 22 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	35	39	43	46	47	49	51	53	55	59	63
	<b>106</b>	<b>118</b>	<b>130</b>	<b>137</b>	<b>142</b>	<b>146</b>	<b>154</b>	<b>158</b>	<b>165</b>	<b>177</b>	<b>189</b>
1"	48	53	58	61	63	66	69	71	74	79	85
	<b>143</b>	<b>158</b>	<b>174</b>	<b>184</b>	<b>190</b>	<b>197</b>	<b>206</b>	<b>212</b>	<b>222</b>	<b>238</b>	<b>254</b>
1 1/2"	68	75	83	87	90	93	98	101	105	113	120
	<b>203</b>	<b>226</b>	<b>248</b>	<b>262</b>	<b>271</b>	<b>280</b>	<b>294</b>	<b>303</b>	<b>316</b>	<b>339</b>	<b>361</b>
2"	91	101	111	117	121	125	131	135	141	151	161
	<b>272</b>	<b>302</b>	<b>332</b>	<b>350</b>	<b>362</b>	<b>374</b>	<b>393</b>	<b>405</b>	<b>423</b>	<b>453</b>	<b>483</b>
2 1/2"	113	126	138	146	151	156	163	168	176	188	201
	<b>339</b>	<b>377</b>	<b>414</b>	<b>437</b>	<b>452</b>	<b>467</b>	<b>490</b>	<b>505</b>	<b>527</b>	<b>565</b>	<b>602</b>
3"	133	148	163	172	178	183	192	198	207	222	237
	<b>399</b>	<b>444</b>	<b>488</b>	<b>515</b>	<b>533</b>	<b>550</b>	<b>577</b>	<b>595</b>	<b>621</b>	<b>666</b>	<b>710</b>
3 1/2"	152	169	186	196	203	209	219	226	236	253	270
	<b>456</b>	<b>506</b>	<b>557</b>	<b>587</b>	<b>608</b>	<b>628</b>	<b>658</b>	<b>678</b>	<b>709</b>	<b>759</b>	<b>810</b>
4"	171	190	209	221	228	236	247	255	266	285	304
	<b>514</b>	<b>571</b>	<b>628</b>	<b>662</b>	<b>685</b>	<b>708</b>	<b>742</b>	<b>765</b>	<b>799</b>	<b>856</b>	<b>913</b>
4 1/2"	192	214	235	248	257	265	278	286	299	321	342
	<b>577</b>	<b>641</b>	<b>706</b>	<b>744</b>	<b>770</b>	<b>795</b>	<b>834</b>	<b>859</b>	<b>898</b>	<b>962</b>	<b>1,026</b>
5"	215	239	262	277	286	296	310	320	334	358	382
	<b>644</b>	<b>716</b>	<b>787</b>	<b>830</b>	<b>859</b>	<b>888</b>	<b>931</b>	<b>959</b>	<b>1,002</b>	<b>1,074</b>	<b>1,145</b>
5 1/2"	235	261	287	303	314	324	340	350	366	392	418
	<b>706</b>	<b>784</b>	<b>862</b>	<b>909</b>	<b>941</b>	<b>972</b>	<b>1,019</b>	<b>1,051</b>	<b>1,098</b>	<b>1,176</b>	<b>1,254</b>

APPLICATION RATE -- lbs/ACRE

# 23 FT

MACHINE: OS170

TIRE SIZES:

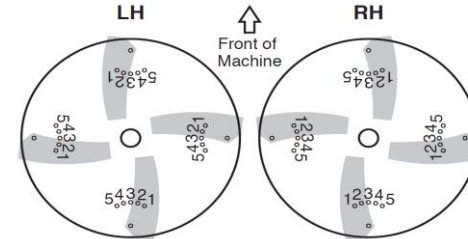
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

465



LOW RANGE

APPLICATION RATE BASED ON 23 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	34	38	41	44	45	47	49	50	53	56	60
	<b>102</b>	<b>113</b>	<b>124</b>	<b>131</b>	<b>136</b>	<b>140</b>	<b>147</b>	<b>151</b>	<b>158</b>	<b>169</b>	<b>181</b>
1"	45	51	56	59	61	63	66	68	71	76	81
	<b>136</b>	<b>152</b>	<b>167</b>	<b>176</b>	<b>182</b>	<b>188</b>	<b>197</b>	<b>203</b>	<b>212</b>	<b>227</b>	<b>243</b>
1 1/2"	65	72	79	84	86	89	94	96	101	108	115
	<b>194</b>	<b>216</b>	<b>238</b>	<b>251</b>	<b>259</b>	<b>268</b>	<b>281</b>	<b>289</b>	<b>302</b>	<b>324</b>	<b>346</b>
2"	87	96	106	112	116	119	125	129	135	144	154
	<b>260</b>	<b>289</b>	<b>318</b>	<b>335</b>	<b>347</b>	<b>358</b>	<b>375</b>	<b>387</b>	<b>404</b>	<b>433</b>	<b>462</b>
2 1/2"	108	120	132	139	144	149	156	161	168	180	192
	<b>324</b>	<b>360</b>	<b>396</b>	<b>418</b>	<b>432</b>	<b>447</b>	<b>468</b>	<b>483</b>	<b>504</b>	<b>540</b>	<b>576</b>
3"	127	141	156	164	170	175	184	190	198	212	226
	<b>382</b>	<b>424</b>	<b>467</b>	<b>492</b>	<b>509</b>	<b>526</b>	<b>552</b>	<b>569</b>	<b>594</b>	<b>637</b>	<b>679</b>
3 1/2"	145	161	178	187	194	200	210	216	226	242	258
	<b>436</b>	<b>484</b>	<b>533</b>	<b>562</b>	<b>581</b>	<b>601</b>	<b>630</b>	<b>649</b>	<b>678</b>	<b>726</b>	<b>775</b>
4"	164	182	200	211	218	226	237	244	255	273	291
	<b>491</b>	<b>546</b>	<b>601</b>	<b>633</b>	<b>655</b>	<b>677</b>	<b>710</b>	<b>732</b>	<b>764</b>	<b>819</b>	<b>873</b>
4 1/2"	184	205	225	237	245	254	266	274	286	307	327
	<b>552</b>	<b>614</b>	<b>675</b>	<b>712</b>	<b>736</b>	<b>761</b>	<b>798</b>	<b>822</b>	<b>859</b>	<b>920</b>	<b>982</b>
5"	205	228	251	265	274	283	297	306	320	342	365
	<b>616</b>	<b>685</b>	<b>753</b>	<b>794</b>	<b>822</b>	<b>849</b>	<b>890</b>	<b>918</b>	<b>959</b>	<b>1,027</b>	<b>1,096</b>
5 1/2"	225	250	275	290	300	310	325	335	350	375	400
	<b>675</b>	<b>750</b>	<b>825</b>	<b>870</b>	<b>900</b>	<b>930</b>	<b>975</b>	<b>1,005</b>	<b>1,050</b>	<b>1,125</b>	<b>1,200</b>

APPLICATION RATE -- lbs/ACRE

# 24FT

MACHINE: OS170

TIRE SIZES:

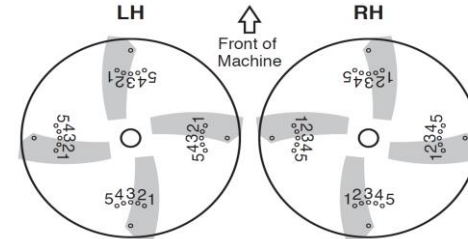
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

480



LOW RANGE

APPLICATION RATE BASED ON 24 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	32	36	40	42	43	45	47	48	51	54	58
	<b>97</b>	<b>108</b>	<b>119</b>	<b>126</b>	<b>130</b>	<b>134</b>	<b>141</b>	<b>145</b>	<b>152</b>	<b>162</b>	<b>173</b>
1"	44	48	53	56	58	60	63	65	68	73	77
	<b>131</b>	<b>145</b>	<b>160</b>	<b>169</b>	<b>174</b>	<b>180</b>	<b>189</b>	<b>195</b>	<b>203</b>	<b>218</b>	<b>232</b>
1 1/2"	62	69	76	80	83	86	90	92	97	103	110
	<b>186</b>	<b>207</b>	<b>228</b>	<b>240</b>	<b>248</b>	<b>257</b>	<b>269</b>	<b>277</b>	<b>290</b>	<b>310</b>	<b>331</b>
2"	83	92	101	107	111	114	120	124	129	138	148
	<b>249</b>	<b>277</b>	<b>304</b>	<b>321</b>	<b>332</b>	<b>343</b>	<b>360</b>	<b>371</b>	<b>387</b>	<b>415</b>	<b>443</b>
2 1/2"	104	115	127	133	138	143	150	154	161	173	184
	<b>311</b>	<b>345</b>	<b>380</b>	<b>400</b>	<b>414</b>	<b>428</b>	<b>449</b>	<b>463</b>	<b>483</b>	<b>518</b>	<b>552</b>
3"	122	136	149	157	163	168	176	182	190	203	217
	<b>366</b>	<b>407</b>	<b>447</b>	<b>472</b>	<b>488</b>	<b>504</b>	<b>529</b>	<b>545</b>	<b>570</b>	<b>610</b>	<b>651</b>
3 1/2"	139	155	170	179	186	192	201	207	217	232	248
	<b>418</b>	<b>464</b>	<b>511</b>	<b>538</b>	<b>557</b>	<b>576</b>	<b>603</b>	<b>622</b>	<b>650</b>	<b>696</b>	<b>743</b>
4"	157	174	192	202	209	216	227	234	244	262	279
	<b>471</b>	<b>523</b>	<b>576</b>	<b>607</b>	<b>628</b>	<b>649</b>	<b>680</b>	<b>701</b>	<b>732</b>	<b>785</b>	<b>837</b>
4 1/2"	176	196	216	227	235	243	255	263	274	294	314
	<b>529</b>	<b>588</b>	<b>647</b>	<b>682</b>	<b>706</b>	<b>729</b>	<b>764</b>	<b>788</b>	<b>823</b>	<b>882</b>	<b>941</b>
5"	197	219	241	254	262	271	284	293	306	328	350
	<b>591</b>	<b>656</b>	<b>722</b>	<b>761</b>	<b>787</b>	<b>814</b>	<b>853</b>	<b>879</b>	<b>919</b>	<b>984</b>	<b>1,050</b>
5 1/2"	216	240	264	278	287	297	311	321	335	359	383
	<b>647</b>	<b>719</b>	<b>791</b>	<b>834</b>	<b>862</b>	<b>891</b>	<b>934</b>	<b>963</b>	<b>1,006</b>	<b>1,078</b>	<b>1,150</b>



# 25 FT

MACHINE: OS170

TIRE SIZES:

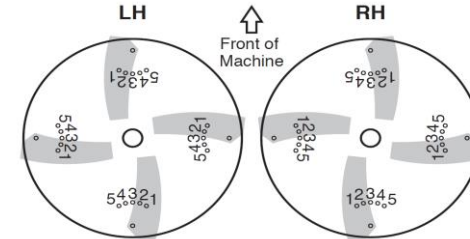
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

495



LOW RANGE

APPLICATION RATE BASED ON 25 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	31	35	38	40	42	43	45	46	49	52	55
	<b>94</b>	<b>104</b>	<b>114</b>	<b>121</b>	<b>125</b>	<b>129</b>	<b>135</b>	<b>139</b>	<b>146</b>	<b>156</b>	<b>166</b>
1"	42	46	51	54	56	58	60	62	65	70	74
	<b>126</b>	<b>139</b>	<b>153</b>	<b>162</b>	<b>167</b>	<b>173</b>	<b>181</b>	<b>187</b>	<b>195</b>	<b>209</b>	<b>223</b>
1 1/2"	60	66	73	77	79	82	86	89	93	99	106
	<b>179</b>	<b>199</b>	<b>219</b>	<b>230</b>	<b>238</b>	<b>246</b>	<b>258</b>	<b>266</b>	<b>278</b>	<b>298</b>	<b>318</b>
2"	80	89	97	103	106	110	115	119	124	133	142
	<b>239</b>	<b>266</b>	<b>292</b>	<b>308</b>	<b>319</b>	<b>329</b>	<b>345</b>	<b>356</b>	<b>372</b>	<b>399</b>	<b>425</b>
2 1/2"	99	110	121	128	133	137	144	148	155	166	177
	<b>298</b>	<b>331</b>	<b>364</b>	<b>384</b>	<b>398</b>	<b>411</b>	<b>431</b>	<b>444</b>	<b>464</b>	<b>497</b>	<b>530</b>
3"	117	130	143	151	156	161	169	174	182	195	208
	<b>351</b>	<b>391</b>	<b>430</b>	<b>453</b>	<b>469</b>	<b>484</b>	<b>508</b>	<b>523</b>	<b>547</b>	<b>586</b>	<b>625</b>
3 1/2"	134	149	163	172	178	184	193	199	208	223	238
	<b>401</b>	<b>446</b>	<b>490</b>	<b>517</b>	<b>535</b>	<b>552</b>	<b>579</b>	<b>597</b>	<b>624</b>	<b>668</b>	<b>713</b>
4"	151	167	184	194	201	208	218	224	234	251	268
	<b>452</b>	<b>502</b>	<b>552</b>	<b>583</b>	<b>603</b>	<b>623</b>	<b>653</b>	<b>673</b>	<b>703</b>	<b>753</b>	<b>804</b>
4 1/2"	169	188	207	218	226	233	245	252	263	282	301
	<b>508</b>	<b>564</b>	<b>621</b>	<b>655</b>	<b>677</b>	<b>700</b>	<b>734</b>	<b>756</b>	<b>790</b>	<b>847</b>	<b>903</b>
5"	189	210	231	244	252	260	273	281	294	315	336
	<b>567</b>	<b>630</b>	<b>693</b>	<b>731</b>	<b>756</b>	<b>781</b>	<b>819</b>	<b>844</b>	<b>882</b>	<b>945</b>	<b>1,008</b>
5 1/2"	207	230	253	267	276	285	299	308	322	345	368
	<b>621</b>	<b>690</b>	<b>759</b>	<b>800</b>	<b>828</b>	<b>855</b>	<b>897</b>	<b>924</b>	<b>966</b>	<b>1,035</b>	<b>1,104</b>

APPLICATION RATE -- lbs/ACRE

# 26FT

MACHINE: OS170

TIRE SIZES:

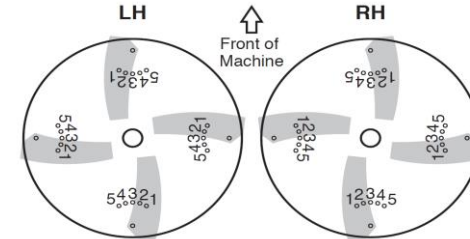
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

510



LOW RANGE

APPLICATION RATE BASED ON 26 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft3										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	30	33	37	39	40	41	43	45	47	50	53
	<b>90</b>	<b>100</b>	<b>110</b>	<b>116</b>	<b>120</b>	<b>124</b>	<b>130</b>	<b>134</b>	<b>140</b>	<b>150</b>	<b>160</b>
1"	40	45	49	52	54	55	58	60	63	67	72
	<b>121</b>	<b>134</b>	<b>148</b>	<b>156</b>	<b>161</b>	<b>166</b>	<b>174</b>	<b>180</b>	<b>188</b>	<b>201</b>	<b>215</b>
1 1/2"	57	64	70	74	76	79	83	85	89	96	102
	<b>172</b>	<b>191</b>	<b>210</b>	<b>222</b>	<b>229</b>	<b>237</b>	<b>248</b>	<b>256</b>	<b>267</b>	<b>287</b>	<b>306</b>
2"	77	85	94	99	102	106	111	114	119	128	136
	<b>230</b>	<b>255</b>	<b>281</b>	<b>296</b>	<b>307</b>	<b>317</b>	<b>332</b>	<b>342</b>	<b>358</b>	<b>383</b>	<b>409</b>
2 1/2"	96	106	117	123	127	132	138	142	149	159	170
	<b>287</b>	<b>319</b>	<b>350</b>	<b>370</b>	<b>382</b>	<b>395</b>	<b>414</b>	<b>427</b>	<b>446</b>	<b>478</b>	<b>510</b>
3"	113	125	138	145	150	155	163	168	175	188	200
	<b>338</b>	<b>376</b>	<b>413</b>	<b>436</b>	<b>451</b>	<b>466</b>	<b>488</b>	<b>503</b>	<b>526</b>	<b>563</b>	<b>601</b>
3 1/2"	129	143	157	166	171	177	186	191	200	214	228
	<b>386</b>	<b>428</b>	<b>471</b>	<b>497</b>	<b>514</b>	<b>531</b>	<b>557</b>	<b>574</b>	<b>600</b>	<b>643</b>	<b>685</b>
4"	145	161	177	187	193	200	209	216	225	241	258
	<b>435</b>	<b>483</b>	<b>531</b>	<b>560</b>	<b>580</b>	<b>599</b>	<b>628</b>	<b>647</b>	<b>676</b>	<b>724</b>	<b>773</b>
4 1/2"	163	181	199	210	217	224	235	242	253	271	289
	<b>488</b>	<b>543</b>	<b>597</b>	<b>630</b>	<b>651</b>	<b>673</b>	<b>706</b>	<b>727</b>	<b>760</b>	<b>814</b>	<b>868</b>
5"	182	202	222	234	242	250	262	271	283	303	323
	<b>545</b>	<b>606</b>	<b>666</b>	<b>703</b>	<b>727</b>	<b>751</b>	<b>787</b>	<b>812</b>	<b>848</b>	<b>909</b>	<b>969</b>
5 1/2"	199	221	243	257	265	274	287	296	310	332	354
	<b>597</b>	<b>663</b>	<b>730</b>	<b>770</b>	<b>796</b>	<b>823</b>	<b>862</b>	<b>889</b>	<b>929</b>	<b>995</b>	<b>1,061</b>

APPLICATION RATE -- lbs/ACRE

# 27 FT

MACHINE: OS170

TIRE SIZES:

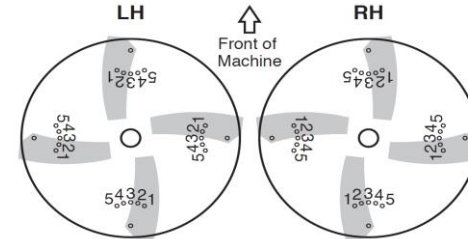
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

525



LOW RANGE

APPLICATION RATE BASED ON 27 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	29	32	35	37	38	40	42	43	45	48	51
	<b>87</b>	<b>96</b>	<b>106</b>	<b>112</b>	<b>115</b>	<b>119</b>	<b>125</b>	<b>129</b>	<b>135</b>	<b>144</b>	<b>154</b>
1"	39	43	47	50	52	53	56	58	60	65	69
	<b>116</b>	<b>129</b>	<b>142</b>	<b>150</b>	<b>155</b>	<b>160</b>	<b>168</b>	<b>173</b>	<b>181</b>	<b>194</b>	<b>207</b>
1 1/2"	55	61	67	71	74	76	80	82	86	92	98
	<b>166</b>	<b>184</b>	<b>202</b>	<b>213</b>	<b>221</b>	<b>228</b>	<b>239</b>	<b>247</b>	<b>258</b>	<b>276</b>	<b>294</b>
2"	74	82	90	95	98	102	107	110	115	123	131
	<b>221</b>	<b>246</b>	<b>271</b>	<b>285</b>	<b>295</b>	<b>305</b>	<b>320</b>	<b>330</b>	<b>344</b>	<b>369</b>	<b>394</b>
2 1/2"	92	102	112	119	123	127	133	137	143	153	164
	<b>276</b>	<b>307</b>	<b>337</b>	<b>356</b>	<b>368</b>	<b>380</b>	<b>399</b>	<b>411</b>	<b>430</b>	<b>460</b>	<b>491</b>
3"	108	121	133	140	145	149	157	162	169	181	193
	<b>325</b>	<b>362</b>	<b>398</b>	<b>419</b>	<b>434</b>	<b>448</b>	<b>470</b>	<b>485</b>	<b>506</b>	<b>542</b>	<b>579</b>
3 1/2"	124	138	151	160	165	171	179	184	193	206	220
	<b>371</b>	<b>413</b>	<b>454</b>	<b>479</b>	<b>495</b>	<b>512</b>	<b>536</b>	<b>553</b>	<b>578</b>	<b>619</b>	<b>660</b>
4"	140	155	171	180	186	192	202	208	217	233	248
	<b>419</b>	<b>465</b>	<b>512</b>	<b>539</b>	<b>558</b>	<b>577</b>	<b>605</b>	<b>623</b>	<b>651</b>	<b>698</b>	<b>744</b>
4 1/2"	157	174	192	202	209	216	226	233	244	261	279
	<b>470</b>	<b>523</b>	<b>575</b>	<b>606</b>	<b>627</b>	<b>648</b>	<b>679</b>	<b>700</b>	<b>732</b>	<b>784</b>	<b>836</b>
5"	175	194	214	226	233	241	253	261	272	292	311
	<b>525</b>	<b>583</b>	<b>642</b>	<b>677</b>	<b>700</b>	<b>723</b>	<b>758</b>	<b>782</b>	<b>817</b>	<b>875</b>	<b>933</b>
5 1/2"	192	213	234	247	256	264	277	285	298	319	341
	<b>575</b>	<b>639</b>	<b>703</b>	<b>741</b>	<b>767</b>	<b>792</b>	<b>830</b>	<b>856</b>	<b>894</b>	<b>958</b>	<b>1,022</b>

APPLICATION RATE -- lbs/ACRE

# 28FT

MACHINE: OS170

TIRE SIZES:

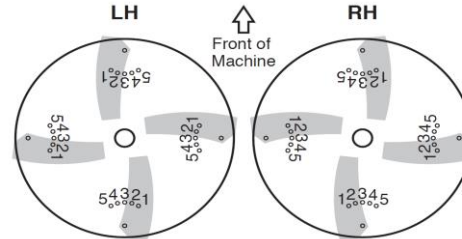
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

540



LOW RANGE

APPLICATION RATE BASED ON 28 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft3										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	28	31	34	36	37	38	40	41	43	46	49
	<b>84</b>	<b>93</b>	<b>102</b>	<b>108</b>	<b>111</b>	<b>115</b>	<b>121</b>	<b>124</b>	<b>130</b>	<b>139</b>	<b>148</b>
1"	37	42	46	48	50	51	54	56	58	62	66
	<b>112</b>	<b>125</b>	<b>137</b>	<b>144</b>	<b>149</b>	<b>154</b>	<b>162</b>	<b>167</b>	<b>174</b>	<b>187</b>	<b>199</b>
1 1/2"	53	59	65	69	71	73	77	79	83	89	95
	<b>160</b>	<b>177</b>	<b>195</b>	<b>206</b>	<b>213</b>	<b>220</b>	<b>231</b>	<b>238</b>	<b>248</b>	<b>266</b>	<b>284</b>
2"	71	79	87	92	95	98	103	106	111	119	127
	<b>214</b>	<b>237</b>	<b>261</b>	<b>275</b>	<b>285</b>	<b>294</b>	<b>308</b>	<b>318</b>	<b>332</b>	<b>356</b>	<b>380</b>
2 1/2"	89	99	108	114	118	122	128	132	138	148	158
	<b>266</b>	<b>296</b>	<b>325</b>	<b>343</b>	<b>355</b>	<b>367</b>	<b>385</b>	<b>396</b>	<b>414</b>	<b>444</b>	<b>473</b>
3"	105	116	128	135	139	144	151	156	163	174	186
	<b>314</b>	<b>349</b>	<b>384</b>	<b>404</b>	<b>418</b>	<b>432</b>	<b>453</b>	<b>467</b>	<b>488</b>	<b>523</b>	<b>558</b>
3 1/2"	119	133	146	154	159	164	172	178	186	199	212
	<b>358</b>	<b>398</b>	<b>438</b>	<b>461</b>	<b>477</b>	<b>493</b>	<b>517</b>	<b>533</b>	<b>557</b>	<b>597</b>	<b>637</b>
4"	135	149	164	173	179	185	194	200	209	224	239
	<b>404</b>	<b>448</b>	<b>493</b>	<b>520</b>	<b>538</b>	<b>556</b>	<b>583</b>	<b>601</b>	<b>628</b>	<b>673</b>	<b>718</b>
4 1/2"	151	168	185	195	202	208	218	225	235	252	269
	<b>454</b>	<b>504</b>	<b>554</b>	<b>585</b>	<b>605</b>	<b>625</b>	<b>655</b>	<b>675</b>	<b>706</b>	<b>756</b>	<b>806</b>
5"	169	187	206	217	225	232	244	251	262	281	300
	<b>506</b>	<b>562</b>	<b>619</b>	<b>652</b>	<b>675</b>	<b>697</b>	<b>731</b>	<b>754</b>	<b>787</b>	<b>844</b>	<b>900</b>
5 1/2"	185	205	226	238	246	255	267	275	287	308	329
	<b>554</b>	<b>616</b>	<b>678</b>	<b>715</b>	<b>739</b>	<b>764</b>	<b>801</b>	<b>825</b>	<b>862</b>	<b>924</b>	<b>986</b>

APPLICATION RATE -- lbs/ACRE

# 29 FT

MACHINE: OS170

TIRE SIZES:

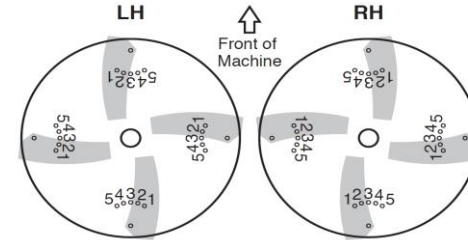
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

555



LOW RANGE

APPLICATION RATE BASED ON 29 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	27	30	33	35	36	37	39	40	42	45	48
	<b>81</b>	<b>90</b>	<b>99</b>	<b>104</b>	<b>108</b>	<b>111</b>	<b>116</b>	<b>120</b>	<b>125</b>	<b>134</b>	<b>143</b>
1"	36	40	44	46	48	50	52	54	56	60	64
	<b>108</b>	<b>120</b>	<b>132</b>	<b>139</b>	<b>144</b>	<b>149</b>	<b>156</b>	<b>161</b>	<b>168</b>	<b>180</b>	<b>192</b>
1 1/2"	51	57	63	66	69	71	74	77	80	86	91
	<b>154</b>	<b>171</b>	<b>188</b>	<b>199</b>	<b>206</b>	<b>212</b>	<b>223</b>	<b>230</b>	<b>240</b>	<b>257</b>	<b>274</b>
2"	69	76	84	89	92	95	99	102	107	115	122
	<b>206</b>	<b>229</b>	<b>252</b>	<b>266</b>	<b>275</b>	<b>284</b>	<b>298</b>	<b>307</b>	<b>321</b>	<b>344</b>	<b>366</b>
2 1/2"	86	95	105	110	114	118	124	128	133	143	152
	<b>257</b>	<b>286</b>	<b>314</b>	<b>331</b>	<b>343</b>	<b>354</b>	<b>371</b>	<b>383</b>	<b>400</b>	<b>428</b>	<b>457</b>
3"	101	112	123	130	135	139	146	150	157	168	180
	<b>303</b>	<b>337</b>	<b>370</b>	<b>391</b>	<b>404</b>	<b>417</b>	<b>438</b>	<b>451</b>	<b>471</b>	<b>505</b>	<b>539</b>
3 1/2"	115	128	141	149	154	159	166	172	179	192	205
	<b>346</b>	<b>384</b>	<b>423</b>	<b>446</b>	<b>461</b>	<b>476</b>	<b>499</b>	<b>515</b>	<b>538</b>	<b>576</b>	<b>615</b>
4"	130	144	159	167	173	179	188	193	202	216	231
	<b>390</b>	<b>433</b>	<b>476</b>	<b>502</b>	<b>520</b>	<b>537</b>	<b>563</b>	<b>580</b>	<b>606</b>	<b>649</b>	<b>693</b>
4 1/2"	146	162	178	188	195	201	211	217	227	243	260
	<b>438</b>	<b>487</b>	<b>535</b>	<b>564</b>	<b>584</b>	<b>603</b>	<b>633</b>	<b>652</b>	<b>681</b>	<b>730</b>	<b>779</b>
5"	163	181	199	210	217	224	235	243	253	272	290
	<b>489</b>	<b>543</b>	<b>597</b>	<b>630</b>	<b>652</b>	<b>673</b>	<b>706</b>	<b>728</b>	<b>760</b>	<b>815</b>	<b>869</b>
5 1/2"	178	198	218	230	238	246	258	266	278	297	317
	<b>535</b>	<b>595</b>	<b>654</b>	<b>690</b>	<b>714</b>	<b>737</b>	<b>773</b>	<b>797</b>	<b>833</b>	<b>892</b>	<b>952</b>

APPLICATION RATE -- lbs/ACRE

# 30FT

MACHINE: OS170

TIRE SIZES:

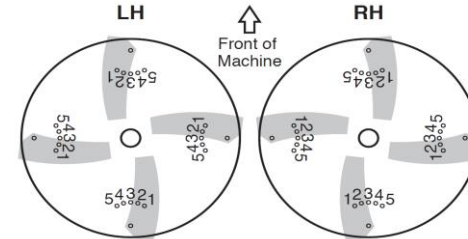
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

570



LOW RANGE

APPLICATION RATE BASED ON 30 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	26	29	32	33	35	36	38	39	40	43	46
	<b>78</b>	<b>87</b>	<b>95</b>	<b>100</b>	<b>104</b>	<b>107</b>	<b>113</b>	<b>116</b>	<b>121</b>	<b>130</b>	<b>139</b>
1"	35	39	43	45	46	48	50	52	54	58	62
	<b>105</b>	<b>116</b>	<b>128</b>	<b>135</b>	<b>139</b>	<b>144</b>	<b>151</b>	<b>156</b>	<b>163</b>	<b>174</b>	<b>186</b>
1 1/2"	50	55	61	64	66	68	72	74	77	83	88
	<b>149</b>	<b>166</b>	<b>182</b>	<b>192</b>	<b>199</b>	<b>205</b>	<b>215</b>	<b>222</b>	<b>232</b>	<b>248</b>	<b>265</b>
2"	66	74	81	86	89	92	96	99	103	111	118
	<b>199</b>	<b>221</b>	<b>244</b>	<b>257</b>	<b>266</b>	<b>275</b>	<b>288</b>	<b>297</b>	<b>310</b>	<b>332</b>	<b>354</b>
2 1/2"	83	92	101	107	110	114	120	123	129	138	147
	<b>249</b>	<b>276</b>	<b>304</b>	<b>320</b>	<b>331</b>	<b>342</b>	<b>359</b>	<b>370</b>	<b>387</b>	<b>414</b>	<b>442</b>
3"	98	108	119	126	130	135	141	145	152	163	174
	<b>293</b>	<b>325</b>	<b>358</b>	<b>378</b>	<b>391</b>	<b>404</b>	<b>423</b>	<b>436</b>	<b>456</b>	<b>488</b>	<b>521</b>
3 1/2"	111	124	136	144	149	153	161	166	173	186	198
	<b>334</b>	<b>371</b>	<b>408</b>	<b>431</b>	<b>446</b>	<b>460</b>	<b>483</b>	<b>498</b>	<b>520</b>	<b>557</b>	<b>594</b>
4"	126	140	153	162	167	173	181	187	195	209	223
	<b>377</b>	<b>419</b>	<b>460</b>	<b>486</b>	<b>502</b>	<b>519</b>	<b>544</b>	<b>561</b>	<b>586</b>	<b>628</b>	<b>670</b>
4 1/2"	141	157	172	182	188	194	204	210	220	235	251
	<b>423</b>	<b>470</b>	<b>517</b>	<b>546</b>	<b>564</b>	<b>583</b>	<b>611</b>	<b>630</b>	<b>659</b>	<b>706</b>	<b>753</b>
5"	157	175	192	203	210	217	227	234	245	262	280
	<b>472</b>	<b>525</b>	<b>577</b>	<b>609</b>	<b>630</b>	<b>651</b>	<b>682</b>	<b>703</b>	<b>735</b>	<b>787</b>	<b>840</b>
5 1/2"	172	192	211	222	230	238	249	257	268	287	307
	<b>517</b>	<b>575</b>	<b>632</b>	<b>667</b>	<b>690</b>	<b>713</b>	<b>747</b>	<b>770</b>	<b>805</b>	<b>862</b>	<b>920</b>

APPLICATION RATE -- lbs/ACRE

# 32 FT

MACHINE: OS170

TIRE SIZES:

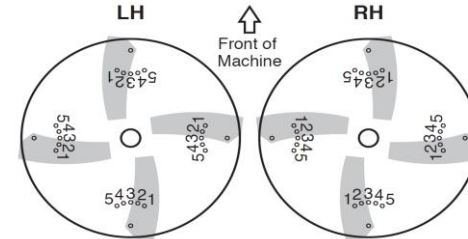
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

600



LOW RANGE

APPLICATION RATE BASED ON 32 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft3										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	24	27	30	31	32	34	35	36	38	41	43
	<b>73</b>	<b>81</b>	<b>89</b>	<b>94</b>	<b>97</b>	<b>101</b>	<b>106</b>	<b>109</b>	<b>114</b>	<b>122</b>	<b>130</b>
1"	33	36	40	42	44	45	47	49	51	54	58
	<b>98</b>	<b>109</b>	<b>120</b>	<b>126</b>	<b>131</b>	<b>135</b>	<b>142</b>	<b>146</b>	<b>153</b>	<b>163</b>	<b>174</b>
1 1/2"	47	52	57	60	62	64	67	69	72	78	83
	<b>140</b>	<b>155</b>	<b>171</b>	<b>180</b>	<b>186</b>	<b>192</b>	<b>202</b>	<b>208</b>	<b>217</b>	<b>233</b>	<b>248</b>
2"	62	69	76	80	83	86	90	93	97	104	111
	<b>187</b>	<b>208</b>	<b>228</b>	<b>241</b>	<b>249</b>	<b>257</b>	<b>270</b>	<b>278</b>	<b>291</b>	<b>311</b>	<b>332</b>
2 1/2"	78	86	95	100	104	107	112	116	121	129	138
	<b>233</b>	<b>259</b>	<b>285</b>	<b>300</b>	<b>311</b>	<b>321</b>	<b>337</b>	<b>347</b>	<b>362</b>	<b>388</b>	<b>414</b>
3"	92	102	112	118	122	126	132	136	142	153	163
	<b>275</b>	<b>305</b>	<b>336</b>	<b>354</b>	<b>366</b>	<b>378</b>	<b>397</b>	<b>409</b>	<b>427</b>	<b>458</b>	<b>488</b>
3 1/2"	104	116	128	135	139	144	151	155	162	174	186
	<b>313</b>	<b>348</b>	<b>383</b>	<b>404</b>	<b>418</b>	<b>432</b>	<b>453</b>	<b>466</b>	<b>487</b>	<b>522</b>	<b>557</b>
4"	118	131	144	152	157	162	170	175	183	196	209
	<b>353</b>	<b>392</b>	<b>432</b>	<b>455</b>	<b>471</b>	<b>487</b>	<b>510</b>	<b>526</b>	<b>549</b>	<b>589</b>	<b>628</b>
4 1/2"	132	147	162	171	176	182	191	197	206	220	235
	<b>397</b>	<b>441</b>	<b>485</b>	<b>512</b>	<b>529</b>	<b>547</b>	<b>573</b>	<b>591</b>	<b>617</b>	<b>661</b>	<b>706</b>
5"	148	164	180	190	197	203	213	220	230	246	262
	<b>443</b>	<b>492</b>	<b>541</b>	<b>571</b>	<b>591</b>	<b>610</b>	<b>640</b>	<b>660</b>	<b>689</b>	<b>738</b>	<b>787</b>
5 1/2"	162	180	198	208	216	223	234	241	252	269	287
	<b>485</b>	<b>539</b>	<b>593</b>	<b>625</b>	<b>647</b>	<b>668</b>	<b>701</b>	<b>722</b>	<b>755</b>	<b>808</b>	<b>862</b>

APPLICATION RATE -- lbs/ACRE

# 36FT

MACHINE: OS170

TIRE SIZES:

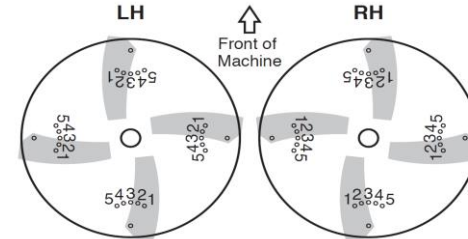
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

660



LOW RANGE

APPLICATION RATE BASED ON 36 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft <sup>3</sup>										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	22	24	26	28	29	30	31	32	34	36	38
	<b>65</b>	<b>72</b>	<b>79</b>	<b>84</b>	<b>87</b>	<b>90</b>	<b>94</b>	<b>97</b>	<b>101</b>	<b>108</b>	<b>115</b>
1"	29	32	36	37	39	40	42	43	45	48	52
	<b>87</b>	<b>97</b>	<b>107</b>	<b>112</b>	<b>116</b>	<b>120</b>	<b>126</b>	<b>130</b>	<b>136</b>	<b>145</b>	<b>155</b>
1 1/2"	41	46	51	53	55	57	60	62	64	69	74
	<b>124</b>	<b>138</b>	<b>152</b>	<b>160</b>	<b>166</b>	<b>171</b>	<b>179</b>	<b>185</b>	<b>193</b>	<b>207</b>	<b>221</b>
2"	55	62	68	71	74	76	80	82	86	92	98
	<b>166</b>	<b>185</b>	<b>203</b>	<b>214</b>	<b>221</b>	<b>229</b>	<b>240</b>	<b>247</b>	<b>258</b>	<b>277</b>	<b>295</b>
2 1/2"	69	77	84	89	92	95	100	103	107	115	123
	<b>207</b>	<b>230</b>	<b>253</b>	<b>267</b>	<b>276</b>	<b>285</b>	<b>299</b>	<b>308</b>	<b>322</b>	<b>345</b>	<b>368</b>
3"	81	90	99	105	108	112	118	121	127	136	145
	<b>244</b>	<b>271</b>	<b>298</b>	<b>315</b>	<b>325</b>	<b>336</b>	<b>353</b>	<b>363</b>	<b>380</b>	<b>407</b>	<b>434</b>
3 1/2"	93	103	113	120	124	128	134	138	144	155	165
	<b>278</b>	<b>309</b>	<b>340</b>	<b>359</b>	<b>371</b>	<b>384</b>	<b>402</b>	<b>415</b>	<b>433</b>	<b>464</b>	<b>495</b>
4"	105	116	128	135	140	144	151	156	163	174	186
	<b>314</b>	<b>349</b>	<b>384</b>	<b>405</b>	<b>419</b>	<b>433</b>	<b>453</b>	<b>467</b>	<b>488</b>	<b>523</b>	<b>558</b>
4 1/2"	118	131	144	152	157	162	170	175	183	196	209
	<b>353</b>	<b>392</b>	<b>431</b>	<b>455</b>	<b>470</b>	<b>486</b>	<b>510</b>	<b>525</b>	<b>549</b>	<b>588</b>	<b>627</b>
5"	131	146	160	169	175	181	190	195	204	219	233
	<b>394</b>	<b>437</b>	<b>481</b>	<b>507</b>	<b>525</b>	<b>542</b>	<b>569</b>	<b>586</b>	<b>612</b>	<b>656</b>	<b>700</b>
5 1/2"	144	160	176	185	192	198	208	214	224	240	256
	<b>431</b>	<b>479</b>	<b>527</b>	<b>556</b>	<b>575</b>	<b>594</b>	<b>623</b>	<b>642</b>	<b>671</b>	<b>719</b>	<b>767</b>



APPLICATION RATE -- lbs/ACRE

# 40FT

MACHINE: OS170

TIRE SIZES:

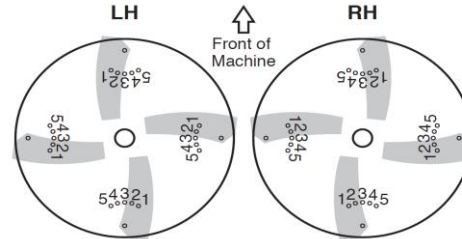
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

700



LOW RANGE

APPLICATION RATE BASED ON 40 FT DRIVING INTERVALS

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft3										
	45	50	55	58	60	62	65	67	70	75	80
5/8"	19	22	24	25	26	27	28	29	30	32	35
	<b>58</b>	<b>65</b>	<b>71</b>	<b>75</b>	<b>78</b>	<b>81</b>	<b>84</b>	<b>87</b>	<b>91</b>	<b>97</b>	<b>104</b>
1"	26	29	32	34	35	36	38	39	41	44	46
	<b>78</b>	<b>87</b>	<b>96</b>	<b>101</b>	<b>105</b>	<b>108</b>	<b>113</b>	<b>117</b>	<b>122</b>	<b>131</b>	<b>139</b>
1 1/2"	37	41	46	48	50	51	54	55	58	62	66
	<b>112</b>	<b>124</b>	<b>137</b>	<b>144</b>	<b>149</b>	<b>154</b>	<b>161</b>	<b>166</b>	<b>174</b>	<b>186</b>	<b>199</b>
2"	50	55	61	64	66	69	72	74	77	83	89
	<b>149</b>	<b>166</b>	<b>183</b>	<b>193</b>	<b>199</b>	<b>206</b>	<b>216</b>	<b>223</b>	<b>232</b>	<b>249</b>	<b>266</b>
2 1/2"	62	69	76	80	83	86	90	93	97	104	110
	<b>186</b>	<b>207</b>	<b>228</b>	<b>240</b>	<b>249</b>	<b>257</b>	<b>269</b>	<b>278</b>	<b>290</b>	<b>311</b>	<b>331</b>
3"	73	81	89	94	98	101	106	109	114	122	130
	<b>220</b>	<b>244</b>	<b>268</b>	<b>283</b>	<b>293</b>	<b>303</b>	<b>317</b>	<b>327</b>	<b>342</b>	<b>366</b>	<b>391</b>
3 1/2"	84	93	102	108	111	115	121	124	130	139	149
	<b>251</b>	<b>278</b>	<b>306</b>	<b>323</b>	<b>334</b>	<b>345</b>	<b>362</b>	<b>373</b>	<b>390</b>	<b>418</b>	<b>446</b>
4"	94	105	115	121	126	130	136	140	146	157	167
	<b>283</b>	<b>314</b>	<b>345</b>	<b>364</b>	<b>377</b>	<b>389</b>	<b>408</b>	<b>421</b>	<b>439</b>	<b>471</b>	<b>502</b>
4 1/2"	106	118	129	136	141	146	153	158	165	176	188
	<b>318</b>	<b>353</b>	<b>388</b>	<b>409</b>	<b>423</b>	<b>437</b>	<b>459</b>	<b>473</b>	<b>494</b>	<b>529</b>	<b>564</b>
5"	118	131	144	152	157	163	171	176	184	197	210
	<b>354</b>	<b>394</b>	<b>433</b>	<b>457</b>	<b>472</b>	<b>488</b>	<b>512</b>	<b>528</b>	<b>551</b>	<b>591</b>	<b>630</b>
5 1/2"	129	144	158	167	172	178	187	193	201	216	230
	<b>388</b>	<b>431</b>	<b>474</b>	<b>500</b>	<b>517</b>	<b>535</b>	<b>561</b>	<b>578</b>	<b>604</b>	<b>647</b>	<b>690</b>

# DIST

MACHINE: OS170

TIRE SIZES:

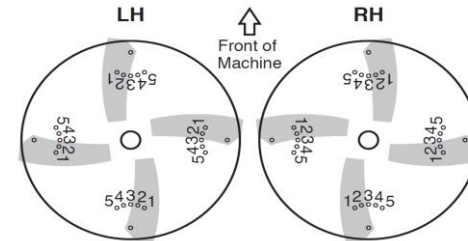
11L-15

BLADE SETTING

3 - 2 - 3 - 2

SPINNER RPM

495



LOW RANGE

APPLICATION RATE BASED ON 100 FT OF DISTANCE TRAVELED

HIGH RANGE

SEE MANUAL FOR OTHER DRIVING INTERVALS / TIRE SIZES

Gate Opening	Product Density lbs/ft3										
	45	50	55	58	60	62	65	67	70	75	80
1"	2	2	2	2	2	2	3	3	3	3	3
	5	6	7	7	7	7	8	8	8	9	10
1"	2	3	3	3	3	3	3	4	4	4	4
	7	8	9	9	10	10	10	11	11	12	13
1 1/2"	3	4	4	4	5	5	5	5	5	6	6
	10	11	13	13	14	14	15	15	16	17	18
2"	5	5	6	6	6	6	7	7	7	8	8
	14	15	17	18	18	19	20	20	21	23	24
2 1/2"	6	6	7	7	8	8	8	8	9	10	10
	17	19	21	22	23	24	25	25	27	29	30
3"	7	7	8	9	9	9	10	10	10	11	12
	20	22	25	26	27	28	29	30	31	34	36
3 1/2"	8	9	9	10	10	11	11	11	12	13	14
	23	26	28	30	31	32	33	34	36	38	41
4"	9	10	11	11	12	12	12	13	13	14	15
	26	29	32	33	35	36	37	39	40	43	46
4 1/2"	10	11	12	13	13	13	14	14	15	16	17
	29	32	36	38	39	40	42	43	45	49	52
5"	11	12	13	14	14	15	16	16	17	18	19
	33	36	40	42	43	45	47	48	51	54	58
5 1/2"	12	13	15	15	16	16	17	18	18	20	21
	36	40	44	46	48	49	51	53	55	59	63