

# JOHNSTON SEED PLANTING CHART

TURF GRASSES	Life Cycle	Planting Season	Optimum Temp. for Germ. (F)	Plant Depth (Inches)	Planting Rate (LBS/ 1000 sq. ft.)	Approx. Seeds/LB
ANNUAL RYEGRASS	Annual	Early Fall	50-65	1/4	10 to 15	225,000
BERMUDAGRASS - COATED	Perennial	Spring	65	1/8	1 to 3	600,000
BERMUDAGRASS - UNCOATED	Perennial	Spring	65	1/8	2	1,500,000
BUFFALOGRASS	Perennial	Spring	65	1/4 to 1/2	2 to 3	40,000
CREEPING BENTGRASS	Perennial	Spring & Fall	50-65	1/4	1 to 2	6,000,000
FESCUE	Perennial	Spring & Early Fall	50-65	1/4 to 1/2	10 to 12	227,000
PERENNIAL RYEGRASS	Perennial	Spring & Early Fall	50-65	1/4	8 to 10	225,000
ZOYSIAGRASS	Perennial	Spring	68-75	1/8	2 to 3	1,000,000
<b>FORAGE GRASSES</b>					<b>(LBS/ Acre)</b>	
ANNUAL RYEGRASS	Annual	Fall - Early Spring	50-65	1/4 to 1/2	25 to 40	225,000
BERMUDAGRASS - COATED	Perennial	Late Spring - Summer	65	1/4	10 to 12	600,000
BERMUDAGRASS - UNCOATED	Perennial	Late Spring - Summer	65	1/4	8 to 10	1,500,000
BROMEGRASS	Perennial	Fall - Early Spring	50	1/4	30 to 40	135,000
CRABGRASS	Annual	Spring - Early Summer	65	1/8-1/4	3 to 5	800,000
FESCUE	Perennial	Fall - Early Spring	65	1/4	20 to 25	227,000
LOVEGRASS	Perennial	Mid Spring - Summer	60	1/8 to 1/4	3 to 5	1,500,000
OLD WORLD BLUESTEM	Perennial	Spring - Early Summer	60	1/4	2 to 3 PLS	479,000
PERENNIAL RYEGRASS	Perennial	Early Fall - Spring	50-65	1/4 to 1/2	20 to 30	225,000
TALL WHEATGRASS	Perennial	Late Summer - Early Fall	50	1/2 to 3/4	10 to 15	75,000
TEFF GRASS	Annual	Mid-Spring - Summer	65	1/8 to 1/4	8 to 10	1,300,000
<b>LEGUMES</b>					<b>(LBS/ Acre)</b>	
ALFALFA	Perennial	Early Fall - Spring	65-85	1/4 to 1/2	15 to 20	226,800
ARROWLEAF CLOVER	Perennial	Fall - Spring	50-65	1/4 to 1/2	3 to 8	400,000
BERSEEM CLOVER	Annual	Spring	50-65	1/4 to 1/2	10 to 15	207,000
COMMON VETCH	Annual	Fall	50-65	1	15 to 20	39,600
COWPEAS	Annual	Summer	65	1 to 2	25 to 30	3,600
CRIMSON CLOVER	Annual	Late Summer - Fall	50-65	1/4 to 1/2	15 to 20	150,000
HAIRY VETCH	Annual	Fall	50-65	1 1/2 to 2	15 to 20	16,000
LADINO CLOVER	Perennial	Fall - Spring	50-65	1/4 to 1/2	3 to 5	775,000
MUNGBEAN	Annual	Summer	65	1 to 2	15 to 20	10,000
RED CLOVER	Biennial	Fall - Spring	50-65	1/4 to 1/2	10 to 15	272,000
SUNN HEMP	Annual	Late Summer - Fall	50-65	1/4 to 3/4	10 to 15	15,000
SWEET CLOVER, WHITE & YELLOW	Biennial	Late Summer - Early Spring	50-65	1/4 to 1/2	5 to 10	260,000
WINTER PEAS	Annual	Fall - Spring	50-65	1 1/2 to 2	25 to 30	4,000
<b>WILDLIFE</b>					<b>(LBS/ Acre)</b>	
PEREDOVIK SUNFLOWERS	Annual	Spring	55-75	1/2	20 to 30	47,000
TROPHY MAGNET FALL PLOT MIX	Annual	Late Summer - Early Fall	50-65	1/4 to 1/2	50	N/A
TROPHY MAGNET PREMIUM PLOT MIX	Annual	Fall	50-65	1/4 to 1/2	6 to 8	N/A
TROPHY MAGNET SUMMER PLOT MIX	Annual	Spring - Summer	65	1/4 to 1/2	25	N/A
WGF MILO	Annual	Spring - Early Summer	65	1	3 to 8	N/A
<b>FIELD CROPS</b>					<b>(LBS/ Acre)</b>	
BUCKWHEAT	Annual	Spring - Summer	55-65	1/2 to 1 1/2	40 to 60	15,000
BARLEY	Annual	Late Summer - Fall	50-65	1 1/2	50 to 75	13,600
CANOLA	Annual	Fall	50-65	1/4 to 1/2	2 to 5	157,000
CHICORY	Perennial	Fall - Spring	50-65	1/4	5	426,000
CORN	Annual	Spring	50	1 to 2	20,000 PPA	2,000
FORAGE SORGHUM	Annual	Summer	60	1 to 1 1/2	7 to 10	15,000 - 20,000
GRAIN SORGHUM	Annual	Summer	60	1 to 1 1/2	3 to 5	15,000
HYBRID SUNFLOWERS	Annual	Summer	65	3/4	18,000 to 20,000 PPA	6,500
JAPANESE MILLET	Annual	Summer	65	1/2	15 to 20	155,000
OATS	Annual	Fall	45-55	1 to 1 1/2	50 to 80	15,000
PEARL MILLET	Annual	Summer	65	3/4	12 to 15	60,000
RADISHES	Annual	Fall	50-65	1/4 to 3/4	3 to 5	34,000
RYE	Annual	Late Summer - Fall	50-65	1 1/2	80 to 100	18,000
SORGHUM SUDANGRASS	Annual	Summer	60	1	20 to 30	15,000 - 17,000
SORGHUM SUDANGRASS - BMR	Annual	Summer	60	1	15 to 17	15,000 - 17,000
SOYBEANS	Annual	Spring - Summer	50-75	1 to 1 1/2	100,000 PPA	2,400-3,400
STRAIN R GERMAN MILLET	Annual	Summer	65	3/4	25 to 30	180,000
SUDANGRASS	Annual	Summer	60	1	15 to 25	22,000 - 25,000
TRITICALE	Annual	Late Summer - Fall	50-65	1 1/2	50 to 75	16,000
TURNIPS	Annual	Fall	50-65	1/4 to 1/2	3	192,800
WHEAT	Annual	Late Summer - Fall	50-65	1 1/2	60 to 90	14,000
WHITE PROSO MILLET	Annual	Summer	65	3/4	10 to 20	80,000