

FULL-SIZE ONION COMPARISON CHART

Day Length Adaptation	Color	Variety Name	Size Class Potential ¹	Average Shape	Approximate Latitude Adaptation ²	Days to Maturity from Transplant	Storage Potential (Months)	Disease Resistance Codes ³
LONG	Red	Red Marble	Small	Flat	38°–55°	75	4-6	—
		Rossa di Milano	Medium to Large	Flattened Grano	38–50°	100	6+	—
		Blush (F1)	Jumbo	Blocky Globe	38°–55°	115	6	—
		Red Carpet (F1)	Medium to Large	Globe	40°–45°	115	6+	—
		Redwing (F1)	Medium to Large	Globe	43°–65°	118	6+	—
	Yellow	Gold Coin	Small to Medium	Flat	38°–60°	80	4–6	—
		Bridger (F1)	Medium to Large	Flattened Globe	35°–50°	90	3	—
		New York Early	Medium to Large	Blocky Globe	38°–50°	98	3	—
		Frontier	Medium to Large	Blocky Globe	40°–50°	100	6+	IR: BO, DM, FBR
		Patterson (F1)	Medium to Large	Globe to Blocky Globe	38°–55°	104	6+	—
		NEW Powell (F1)	Medium to Large	Globe	43°–47°	108	6+	IR: DM
		Talon (F1)	Medium to Large	Globe	38°–55°	104	6+	IR: PR
		Yankee (F1)	Medium to Large	Globe	43°–47°	108	6+	HR: DM; IR: PR
		Ailsa Craig	Large to Colossal	Globe to Elongated Globe	38°–60°	110	< 3	—
Walla Walla Sweet	Large to Colossal	Globe to Elongated Globe	35°–55°	125/300	< 3	—		
INTERMEDIATE	Red	Red Long of Florence	Medium	Elongated Globe	38°–50°	100	6+	—
		Red Long of Tropea	Medium	Elongated Globe	35°–48°	90	1	—
		Cabernet (F1)	Large	Globe to Slightly Flattened Globe	35°–45°	100	4–6	—
		Monastrell (F1)	Large to Colossal	Globe to Slightly Flattened Globe	35°–46°	106	3=5	—
	Yellow	Expression (F1)	Large to Colossal	Globe to Slightly Flattened Globe	32°–45°	105	3–4	HR: PR; IR: FBR
		Calibra (F1)	Large	Globe	down to at least 35°	110	6+	—
		Candy (F1)	Large	Slightly Flattened Globe	32°–45°	110/290	1	HR: PR
		NEW Elsy (F1)	Large to Colossal	Globe	32°–45°	105	3–4	IR: PR
		Scout (F1)	Jumbo to Colossal	Globe to Slightly Grano	32°–46°	107	3-4	HR: FBR, PR
		Sierra Blanca (F1)	Large to Colossal	Globe	32°–45°	109	1	IR: PR
SHORT	Red	Desert Sunrise	Medium to Large	Flat-Round	30°–36°	100	2-3	IR: PR
		Red Rock	Jumbo	Globe	30°–36°	165	3	IR: F, PR
	Yellow	Madalyn (F1)	Jumbo	Globe to Elongated Globe	20°–35°	150 days fall sown	2–3	—
	White	White Castle (F1)	Large	Globe	30°–38°	105	3–4	HR: FBR, PR



¹ Size Classes (average bulb diameter, in inches): Medium: 2-3.25; Large/Jumbo: >3; Colossal: >3.75.

² Day length adaptation of onion varieties falls on a continuum, with some overlap rather than distinct boundaries. For example, some long-day varieties may form bulbs farther south than others, and some intermediate-day varieties may form bulbs farther north than others. Additional environmental factors, such as heat and soil moisture, can affect onion bulbing, so even a properly selected variety needs good conditions for success. Large, healthy tops lead to optimum bulbs, so it is also important to give the onion plant enough time to size up prior to bulbing, which can often be achieved by varying planting dates and using transplants instead of, or in addition to, direct-seeding in short season areas. Many of Johnny's onion varieties are available as field-grown plants that are ready for transplanting.

³ Disease Resistance Codes: PR: Pink Root (*Pyrenochaeta terrestris*); FBR: Fusarium Basal Rot (*Fusarium oxysporum f. sp. cepae*)