

Cultural sheet: Rocket Pepper F1 series

<b>Species</b>	
Variety Name	Rocket Pepper F1 Mamba Red
Variety number	Mamba Red 360-080
Species	Capsicum annuum
Trade name species	(Patio/Container) Pepper
Type	Annual
Family	Solanum
Seed weight	6,0-8,0 gram / 1000 sds depending on seed lot and variety
Average germination	85-95%
EU variety Name	RPMR360080
<b>Young Plant</b>	
Nr of Seeds/plug	1 for plug size 1,5-3 cm
Germination days	4-6 days* (biological des-infected seeds can take 2 days more)
Germination temp.	23°-25°C – 73°-77°F Covered and high humidity, no light needed
Grow on days	21-28 days depending on plug-size
Grow on temp.	21°-23°C – 70°-73°F
Min. Grow on temp.	18°C – 65°F (This enlarges the Grow on days period)
Max. Grow on temp.	35°C – 95°F This shortens the Grow on days period, encourage stretching internodes
Optimal D/N temp.	23°C/73°F -21°C/70°F
Soil for sowing	Sowing soil with good drainage, EC 1,5 PH 5,8-6,5
Soil for sowing covering	Vermiculite / soil with open structure /app. 2-3 mm thick
Fertilisation in the plug	2,5 EC with each watering, NPK 15-10-15 and micro elements
Ready to transplant	Full rooted plug with short internodes. Small young flower could be visible
Attention points during young plant growing	Reduce the humidity soon after germination to 70%. This prevents stretching of the hypocotyl. For pot peppers stretching is not appreciated.
<b>Finish for grower</b>	
Potting soil	Standard soil with good drainage and also good water storage capabilities EC 2,5 PH 5,8-6,5
Pot-size	15-17cm 6-7" optimal 17 cm/7"
Plugs per pot	1
Indoor	Final distance indoor 25 cm/10" x 25 cm/10" (16 plts/m2)
Spacing indoor:	Space the plants when the leaf's are reaching each other.
Outdoor in open soil	Planting distance 25 cm/10" x 25 cm/10"
Planting soil outdoor	Standard soil with good drainage and also good water storage capabilities EC 1,5 PH 5,8-6,5
Min. Grow on temp.	16°C – 61°F (This enlarges the Grow on days period)
Ideal grow on temp.	21°C-25°C– 70°-77°F
Optimal D/N temp.	23°C/77°F -18°C/64°F
Frost	Plants cannot stand frost.
Watering	Regularly for continues growth, keep the soil moist Watering with minimal. 2,5 EC keeps tomatoes healthy
Crop time to saleable	12-14 weeks after planting, the first pepper turns from black to red.
Attention points during plant growing	<ul style="list-style-type: none"> <li>• Long days (&gt;16 hrs) under relative high light densities increase the plant turning in a generative stage</li> <li>• Mamba Red grows well together with tomatoes. This variety is bred to continue growing when normal peppers stop due to low temperatures.</li> <li>• Plants are bred for high density crops with low maintenance. They produce their first set of fruits around the main stem above the first split.</li> <li>• Put 2-3 sticks around the central stem of the plant to keep the plant in balance when fruits are growing.</li> <li>• Night temperatures of between 18-20°C 64°-68°F are ideal. Temperatures below 5°C 40°Fseverely affect the growing.</li> </ul>

	<ul style="list-style-type: none"> <li>• Insects, especially bees and bumble bees, support fruit set. Better pollination results in bigger fruits</li> <li>• Pepper plants have a medium fertilization need. When the EC is too low, the leaf's can turn yellow when the fruits are colouring. This also reduces the taste of the fruit.</li> <li>• Pepper plants/leaf's can be made sturdier by spraying (MgSO4 -bitter salt and Dipotassium-sulphite (K2SO3)) solutions on the plants (possible combined with other chemicals which need to be used). This has a positive effect on the leaf size and colour</li> </ul> <p>Clay in the soil will stabilize fertilization variation and reduce stretching. 2-5% is advisable, can be increased to 10%.</p>
--	---

Consumer use	
Use	Balcony-Patio Pepper for outdoor use Compact kitchen for your vegetable garden
Unique specifications	<ul style="list-style-type: none"> <li>• Fruit weight; depends on culture, from 40-60 gr/fruit.</li> <li>• Continues growing, also in cool Summers</li> <li>• Insects, especially bees and bumble bees, support fruit set</li> <li>• Clay in the soil will stabilize fertilization variation</li> </ul>
Scoville Scale-Spicy	Mamba Red is a little spicy

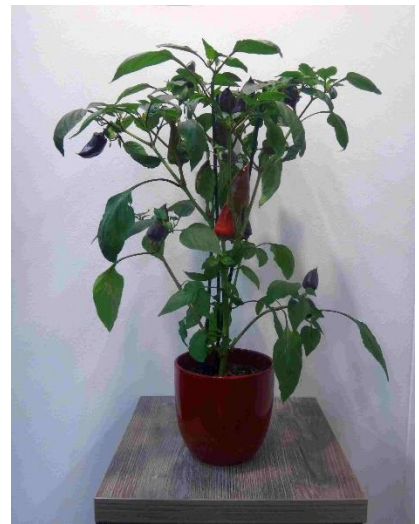
Pictures	
----------	--



2,5 cm/1" plug



15 cm/6" pot with black fruits



F1 Mamba Red 17 cm pot



F1 Mamba Red Garden setting